



## Professional Power Solution Provider

We are one of the leading power solution providers specializing in the manufacture and design of Voltage regulator, Stabilizer, UPS, Surge Protector, Charger and other power electronic products. With our management term, complementing 20 experts, all with at least 10 years of experience in the Power Electronic field, we manage to deliver the best power solutions to more than 30 countries in the world everyday.

## Quality System

To deliver EXCELLENT Quality Products and Services which exceed customers' satisfaction through COMPETITIVE cost and ON-TIME delivery is our quality policy. Our quality system will be proved to be the best choice for you as a systematic and reliable manufacturing partner.

## OEM/ODM Services

With strong research, development, engineering and mould making teams, we have full capability of providing OEM/ODM Services to any of your demands related to power electronic products and small home appliance.

## Product Range

- Uninterruptible Power Supply
- Automatic Voltage Regulator
- Surge Protector
- Mobile Power / Inverter
- Battery Charger
- Step Up & Down AC Converter
- Automatic Voltage Switcher
- Wireless Remote Switch Controller

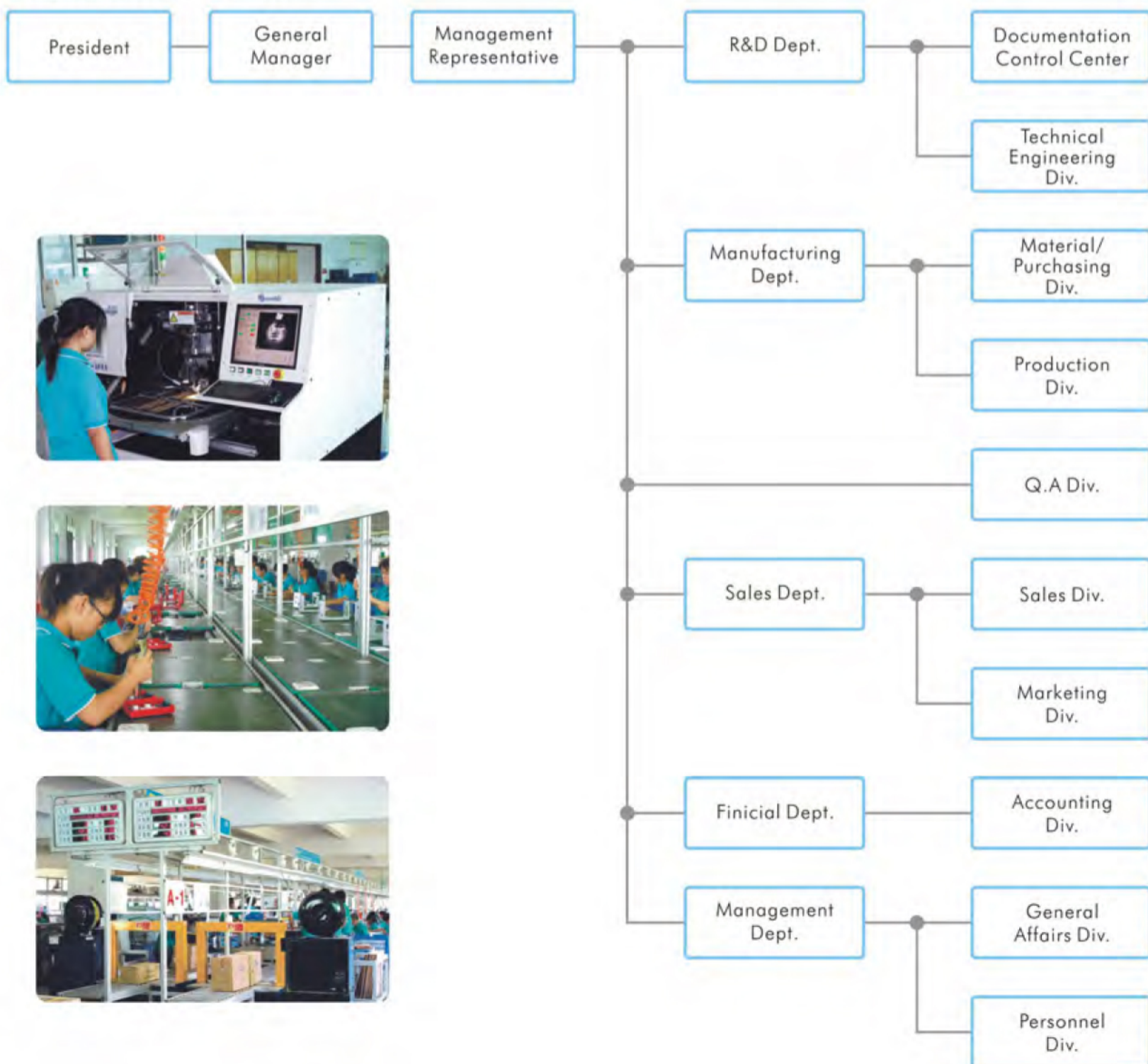
## Basic Data

- Manufacture Building: 25,000 m<sup>2</sup>
- Office Building: 3,500 m<sup>2</sup>
- Production lines: 12
- Employee: 600
- R & D Engineer: 50
- QC Staff: 30
- Certificate: ISO 9001 & CE





### Organization Chart



## Automatic Voltage Regulator

### Color Screen Stabilizers



**SDR01**  
(01-02)



**SDR02**  
(01-02)



**SDR03**  
(03-04)



**SDR04**  
(03B-04B)

## Automatic Voltage Regulator

### Digital Stabilizers



**RE02**  
(05-06)



**RE27**  
(05-06)



**DEB**  
(05-06)



**RE23**  
(05-06)



**RE20**  
(05-06)



**RE25**  
(05-06)



**SE03**  
(07-08)



**RE12**  
(07-08)



**RE13**  
(07-08)



**DAR**  
(07-08)



**SE03**  
(09-10)



**RE26**  
(09-10)



**RES**  
(09-10)



**KER**  
(09-10)



**REC**  
(09-10)



**FDR**  
(09-10)

## Automatic Voltage Regulator

### Analog Stabilizers



**RM02**  
(11-12)



**RM27**  
(11-12)



**DMB**  
(11-12)



**RM23**  
(11-12)



**RM20**  
(11-12)



**RM25**  
(11-12)



**SM03**  
(13-14)



**RM12**  
(13-14)



**RM13**  
(13-14)



**MAR**  
(13-14)



**DMI**  
(15-16)



**RM26**  
(15-16)



**RBS**  
(15-16)



**KBR**  
(15-16)



**RMC**  
(15-16)



**FVR**  
(15-16)

## Automatic Voltage Regulator

### Wall Mounted Stabilizers



**SW**  
(17-18)



**SD**  
(19-20)



**SDF**  
(19B-20B)



**SWF**  
(19C-20C)



**SCD**  
(21-22)



**WND**  
(23-24)



**WSD**  
(25-26)

## Automatic Voltage Regulator

### Desktop Stabilizers



**ZVK**  
(27-28)



**SNE**  
(27-28)



**RVK**  
(29-30)



**KES**  
(29-30)



**REP**  
(31-32)



**GVK**  
(31-32)



**VK**  
(31-32)



**AVR-D**  
(31-32)

## Automatic Voltage Regulator

### Universal Power



**AR**  
(33-34)

## Automatic Voltage Switcher

### AVS



**AVS-CE**  
(39-40)



**AVS-BE**  
(39-40)



**AVS-AE**  
(41-42)



**AVS-A**  
(43-44)

## Surge Protector

### SG/SP/ES



**SGE, SPE, SPR10A**  
(45-46)

**SPKST, ES, ST, SG, SP**  
(47-48)

## Inverter

### IV



**IV-B**  
(49)

# SDR01 SDR02

500VA~10000VA



**USB  
5V CHARGER**  
(Option)



## SDR01 500VA~2000VA

## SDR01 3000VA~10KVA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
500VA	170*125*250	3.00
1000VA	170*125*250	4.80
1500VA	187*145*265	5.20
2000VA	187*145*265	6.00

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
3000VA	265*220*370	12.50
5000VA	265*220*370	15.40
8000VA	265*220*420	27.00
10000VA	265*220*420	30.00

### FEATURES

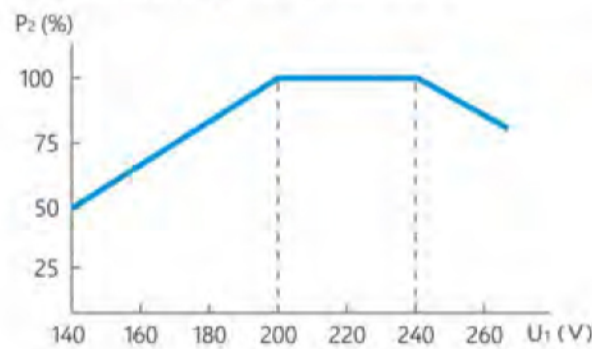
- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)



**LED COLOR SCREEN**  
4 colors, screen size:  
1000VA~2000VA: 3.4 inch  
3000VA~5000VA: 4.3 inch

### THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



**REAR PANEL**  
500VA-2000VA



**REAR PANEL**  
3KVA-10KVA

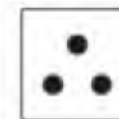
### Socket availability



Universal



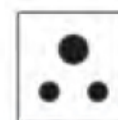
UK 13amp



UK 15amp



European



Indian R6



US



**SDR02**  
500VA~2000VA



**SDR02**  
3000VA~10KVA



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range	140Vac~260Vac			80Vac~140Vac			
	Input Frequency	50/60Hz						
Output	Output Voltage Range	220Vac			110Vac			
	Output Precision	±10%						
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection	Yes						
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch						
	Over-heat Protection	Yes						
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature	0~40°C						
	Storage Temperature	-15~45°C						
	Operating Relative Humidity	10%RH~95%RH, Non-condensing						



# SDR03

500VA~5000VA



(Option)

## SDR03

500VA~2000VA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)	Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
500VA	128*140*222	3.00	3000VA	221*240*311	12.50
1000VA	128*140*222	4.80	5000VA	221*240*311	15.40
1500VA	160*190*237	5.20			
2000VA	160*190*237	6.00			

## FEATURES

- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

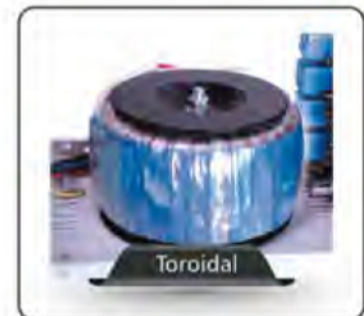
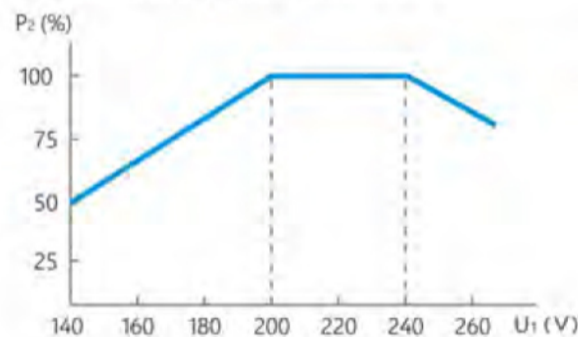


### LED COLOR SCREEN

4 colors, screen size:  
1000VA~2000VA: 3.4 inch  
3000VA~5000VA: 4.3 inch

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



REAR PANEL  
500VA-1000VA



REAR PANEL  
1500VA-2000VA



REAR PANEL  
3000VA-5000VA

## Socket availability



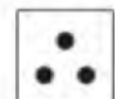
Universal



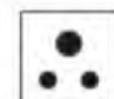
European



UK 13amp



UK 15amp



Indian R6



US



**SDR03**  
3000VA~5000VA



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W
Technology	CPU based Digital Circuit					
Input	Input Voltage Range	140Vac~260Vac			80Vac~140Vac	
	Input Frequency	50/60Hz				
Output	Output Voltage Range	220Vac			110Vac	
	Output Precision	±10%				
Efficiency	98%					
Phase	Single Phase					
Status Display	Input Voltage, Output Voltage, Delay Time					
Protection	High Voltage Protection	Yes				
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch				
	Over-heat Protection	Yes				
Delay Time	6/120 Seconds					
Safety Standards	CE, EN60950, EN55024					
Operating Conditions	Operating Temperature	0~40°C				
	Storage Temperature	-15~45°C				
	Operating Relative Humidity	10%RH~95%RH, Non-condensing				



# SDR04

500VA~10000VA



**SDR04**  
500VA~2000VA



LED COLOR SCREEN

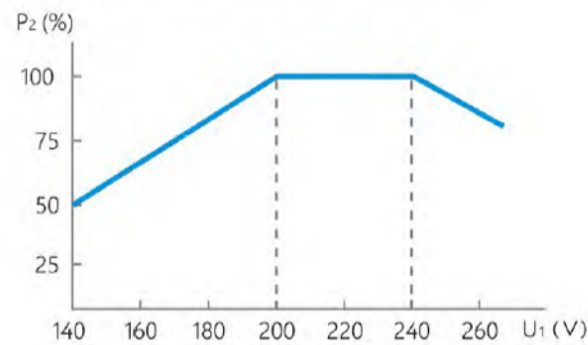
Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)	Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
500VA	187*145*265	3.00	3000VA	265*220*370	12.50
1000VA	187*145*265	4.80	5000VA	265*220*370	15.40
1500VA	187*145*265	5.20	8000VA	265*220*420	27.00
2000VA	187*145*265	6.00	10000VA	265*220*420	30.00

## FEATURES

- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



**REAR PANEL**  
500VA-2000VA



**REAR PANEL**  
3KVA-10KVA

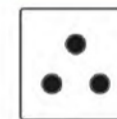
## Socket availability



Universal



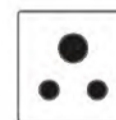
UK 13amp



UK 15amp



European



Indian R6



US



**SDR04**  
3KVA~10KVA



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range		140Vac~260Vac			80Vac~140Vac		
	Input Frequency		50/60Hz					
Output	Output Voltage Range		220Vac			110Vac		
	Output Precision		±10%					
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection		Yes					
	Circuit Protection		Fuse/ Circuit Breaker/ Air Break Switch					
	Over-heat Protection		Yes					
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature		0~40°C					
	Storage Temperature		-15~45°C					
	Operating Relative Humidity		10%RH~95%RH, Non-condensing					



# RE02 RE27 DEB RE23 RE20 RE25

500VA~10000VA



**RE02**  
500VA~10KVA



**RE27**  
500VA~10KVA



**DEB**  
500VA~10KVA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
500VA	170*125*250	3.00
1000VA	170*125*250	4.80
1500VA	187*145*265	5.20
2000VA	187*145*265	6.00

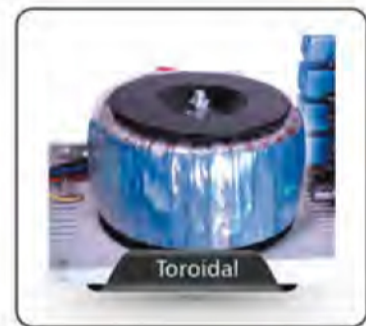
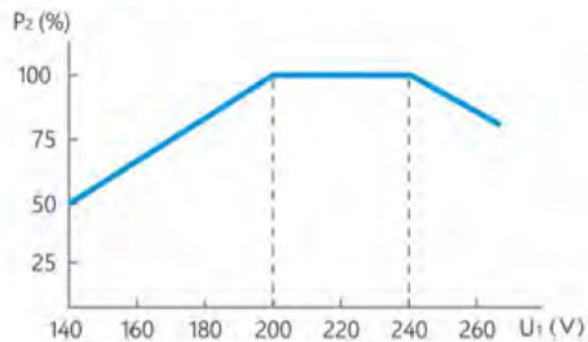
Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
3000VA	265*220*370	12.50
5000VA	265*220*370	15.40
8000VA	265*220*420	27.00
10000VA	265*220*420	30.00
8000VA	315*265*390	27.00 (DEB)
10000VA	315*265*390	30.00 (DEB)

## FEATURES

- Microprocessor controlled stabilizer
- Digital meters display
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



**REAR PANEL**  
500VA-2000VA



**REAR PANEL**  
3KVA-10KVA

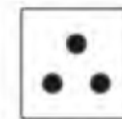
## Socket availability



Universal



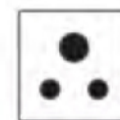
UK 13amp



UK 15amp



European



Indian R6



US



**RE23**  
500VA~10KVA



**RE20**  
500VA~10KVA



**RE25**  
500VA~10KVA



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range	140Vac~260Vac			80Vac~140Vac			
	Input Frequency	50/60Hz						
Output	Output Voltage Range	220Vac			110Vac			
	Output Precision	±10%						
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection	Yes						
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch						
	Over-heat Protection	Yes						
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature	0~40°C						
	Storage Temperature	-15~45°C						
	Operating Relative Humidity	10%RH~95%RH, Non-condensing						



# SE03 RE12 RE13 DAR

500VA~10000VA



**SE03**  
500VA~10KVA



**RE12**  
500VA~10KVA



**RE13**  
500VA~10KVA

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
500VA	170*125*250	3.00
1000VA	170*125*250	4.80
1500VA	187*145*265	5.20
2000VA	187*145*265	6.00

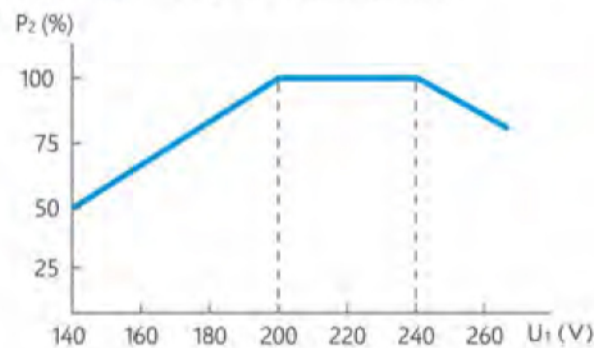
Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
3000VA	265*220*370	12.50
5000VA	265*220*370	15.40
8000VA	265*220*420	27.00
10000VA	265*220*420	30.00

## FEATURES

- Microprocessor controlled stabilizer
- Digital meters display
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



**REAR PANEL**  
500VA-2000VA



**REAR PANEL**  
3KVA-10KVA



**REAR PANEL (DAR)**  
500VA-2000VA



**REAR PANEL (DAR)**  
3000VA-5000VA



## DAR

500VA~10KVA

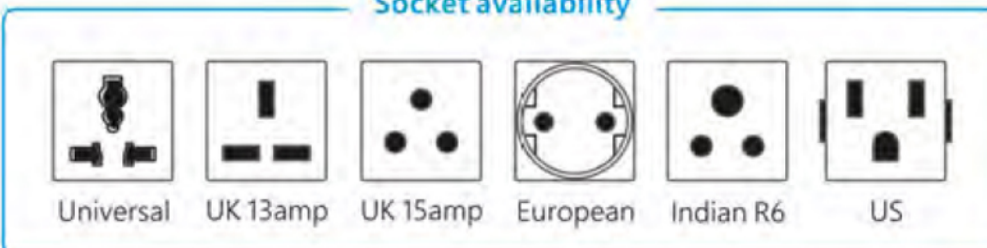
Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
DAR-500VA	130*180*220	2.80
DAR-1000VA	130*180*220	4.70
DAR-1500VA	150*210*260	5.50
DAR-2000VA	150*210*260	6.60
DAR-3000VA	180*260*300	12.50
DAR-5000VA	180*260*300	15.80



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range		140Vac~260Vac			80Vac~140Vac		
	Input Frequency		50/60Hz					
Output	Output Voltage Range		220Vac			110Vac		
	Output Precision		±10%					
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection		Yes					
	Circuit Protection		Fuse/ Circuit Breaker/ Air Break Switch					
	Over-heat Protection		Yes					
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature		0~40°C					
	Storage Temperature		-15~45°C					
	Operating Relative Humidity		10%RH~95%RH, Non-condensing					



### Socket availability



# DEI RE26 RES KER REC FDR

500VA~10000VA



**USB  
5V CHARGER**  
(Option)



**DEI**  
500VA~10KVA

**RE26**  
500VA~10KVA

**RES**  
500VA~10KVA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
500VA	160*115*235	2.93
1000VA	170*125*250	4.60
1500VA	187*145*265	5.95
2000VA	187*145*265	6.58

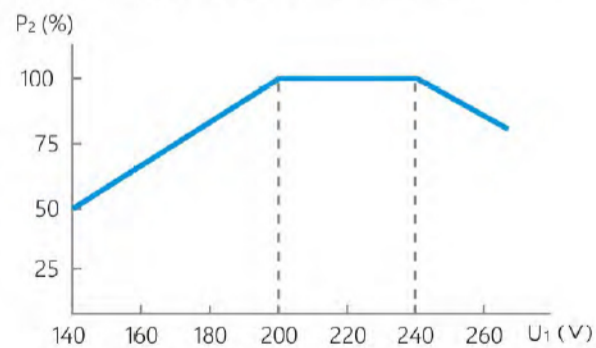
Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
3000VA	265*220*370	11.75
5000VA	265*220*370	15.88
8000VA	265*220*420	15.35
10000VA	265*220*420	17.55
8000VA	315*265*390	16.50 (DEI)
10000VA	315*265*390	18.60 (DEI)

## FEATURES

- Microprocessor controlled stabilizer
- Digital meters display
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



**REAR PANEL**  
500VA-2000VA



**REAR PANEL**  
3KVA-10KVA

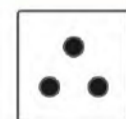
## Socket availability



Universal



UK 13amp



UK 15amp



European



Indian R6



US



**KER**  
500VA~10KVA



**REC**  
500VA~10KVA



**FDR**  
500VA~10KVA



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range		140Vac~260Vac			80Vac~140Vac		
	Input Frequency		50/60Hz					
Output	Output Voltage Range		220Vac			110Vac		
	Output Precision		±10%					
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection		Yes					
	Circuit Protection		Fuse/ Circuit Breaker/ Air Break Switch					
	Over-heat Protection		Yes					
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature		0~40°C					
	Storage Temperature		-15~45°C					
	Operating Relative Humidity		10%RH~95%RH, Non-condensing					



# RM02 RM27 DMB RM23 RM20 RM25

500VA~10000VA



**RM02**  
500VA~10KVA



**RM27**  
500VA~10KVA



**DMB**  
500VA~10KVA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
500VA	170*125*250	3.00
1000VA	170*125*250	4.80
1500VA	187*145*265	5.20
2000VA	187*145*265	6.00

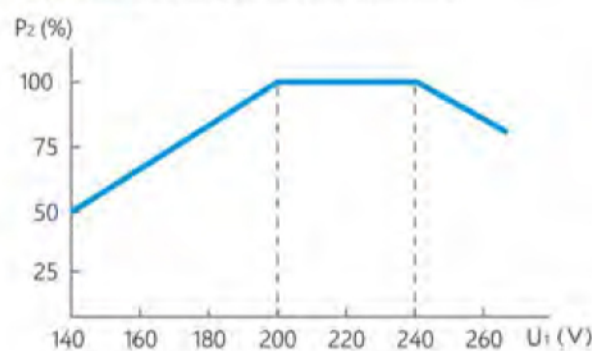
Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
3000VA	265*220*370	12.50
5000VA	265*220*370	15.40
8000VA	265*220*420	27.00
10000VA	265*220*420	30.00
8000VA	315*265*390	27.00 (DMB)
10000VA	315*265*390	30.00 (DMB)

## FEATURES

- Automatic voltage regulation
- Voltmeters show line voltage and regulated voltage
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



**REAR PANEL**  
500VA-2000VA

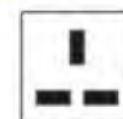


**REAR PANEL**  
3KVA-10KVA

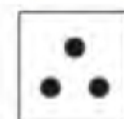
## Socket availability



Universal



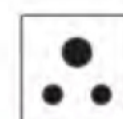
UK 13amp



UK 15amp



European



Indian R6



US



**USB**  
5V CHARGER



**USB**  
5V CHARGER



**USB**  
5V CHARGER

**RM23**  
500VA~10KVA

**RM20**  
500VA~10KVA

**RM25**  
500VA~10KVA



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range	140Vac~260Vac			80Vac~140Vac			
	Input Frequency	50/60Hz						
Output	Output Voltage Range	220Vac			110Vac			
	Output Precision	±10%						
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection	Yes						
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch						
	Over-heat Protection	Yes						
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature	0~40°C						
	Storage Temperature	-15~45°C						
	Operating Relative Humidity	10%RH~95%RH, Non-condensing						



# SM03 RM12 RM13 MAR

500VA~10000VA



## SM03

500VA~10KVA



## RM12

500VA~10KVA



## RM13

500VA~10KVA

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
500VA	170*125*250	3.00
1000VA	170*125*250	4.80
1500VA	187*145*265	5.20
2000VA	187*145*265	6.00

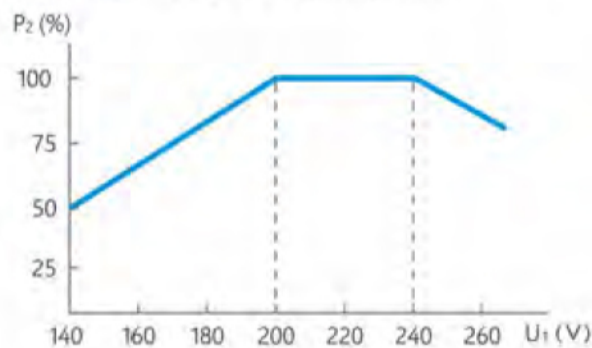
Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
3000VA	265*220*370	12.50
5000VA	265*220*370	15.40
8000VA	265*220*420	27.00
10000VA	265*220*420	30.00

## FEATURES

- Automatic voltage regulation
- Voltmeters show line voltage and regulated voltage
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



REAR PANEL  
500VA-2000VA



REAR PANEL  
3KVA-10KVA



REAR PANEL (DAR)  
500VA-2000VA



REAR PANEL (DAR)  
3000VA-5000VA



## MAR

500VA~10KVA

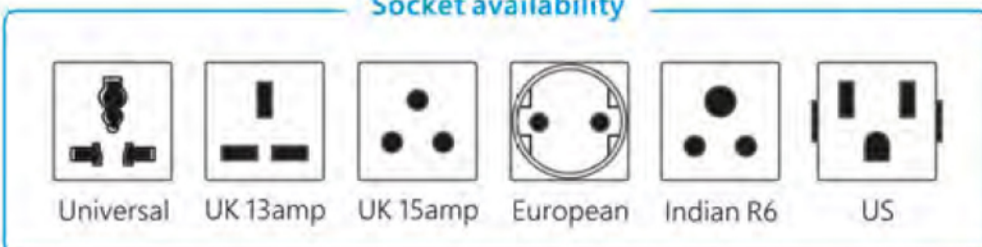
Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
MAR-500VA	130*180*220	2.80
MAR-1000VA	130*180*220	4.70
MAR-1500VA	150*210*260	5.50
MAR-2000VA	150*210*260	6.60
MAR-3000VA	180*260*300	12.50
MAR-5000VA	180*260*300	15.80



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range		140Vac~260Vac			80Vac~140Vac		
	Input Frequency		50/60Hz					
Output	Output Voltage Range		220Vac			110Vac		
	Output Precision		±10%					
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection		Yes					
	Circuit Protection		Fuse/ Circuit Breaker/ Air Break Switch					
	Over-heat Protection		Yes					
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature		0~40°C					
	Storage Temperature		-15~45°C					
	Operating Relative Humidity		10%RH~95%RH, Non-condensing					



### Socket availability



# DMI RM26 RBS KBR RMC FVR

500VA~10000VA



**DMI**  
500VA~10KVA

**RM26**  
500VA~10KVA

**RBS**  
500VA~10KVA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
500VA	160*115*235	2.70
1000VA	170*125*250	4.80
1500VA	187*145*265	5.20
2000VA	187*145*265	6.00

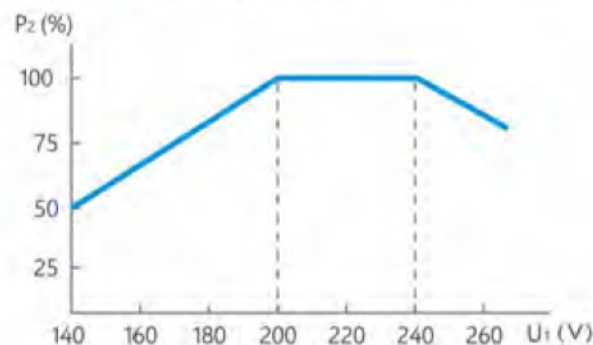
Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
3000VA	265*220*370	12.50
5000VA	265*220*370	15.40
8000VA	265*220*420	27.00
10000VA	265*220*420	30.00
8000VA	315*265*390	27.00 (DMI)
10000VA	315*265*390	30.00 (DMI)

## FEATURES

- Automatic voltage regulation
- Voltmeters show line voltage and regulated voltage
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



**REAR PANEL**  
500VA-2000VA



**REAR PANEL**  
3KVA-10KVA

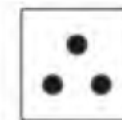
## Socket availability



Universal



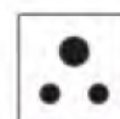
UK 13amp



UK 15amp



European



Indian R6



US



**KBR**  
500VA~10KVA



**RMC**  
500VA~10KVA



**FVR**  
500VA~10KVA



POWER	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range	140Vac~260Vac			80Vac~140Vac			
	Input Frequency	50/60Hz						
Output	Output Voltage Range	220Vac			110Vac			
	Output Precision	±10%						
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection	Yes						
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch						
	Over-heat Protection	Yes						
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature	0~40°C						
	Storage Temperature	-15~45°C						
	Operating Relative Humidity	10%RH~95%RH, Non-condensing						



# SW

1000VA~5000VA

**Ultra Slim  
Wall Mount  
Stabilizer**

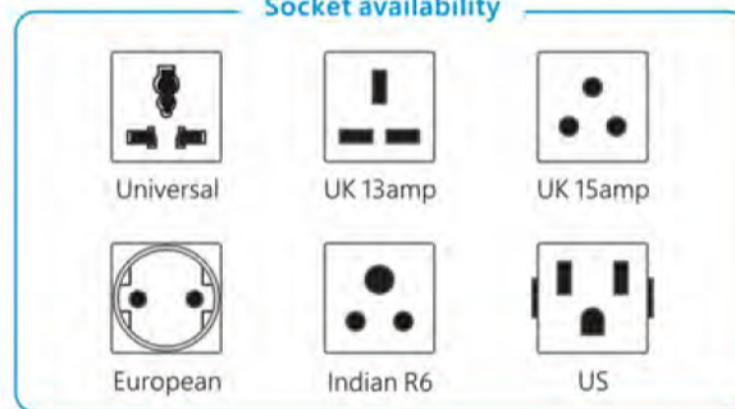


## SW

1000VA~5000VA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
SW-1000	304*199*68	4.80
SW-2000	304*199*68	6.00
SW-3000	367*247*95	12.50
SW-5000	367*247*95	15.50

### Socket availability

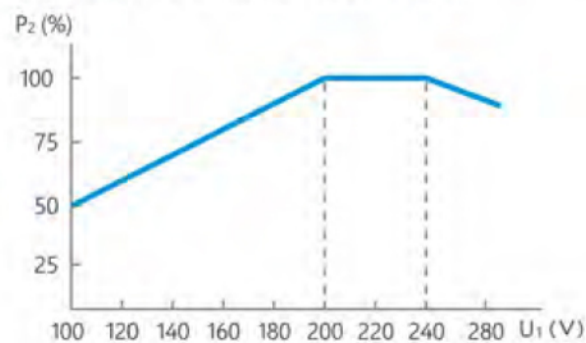


## FEATURES

- Microprocessor controlled stabilizer
- Digital meters display
- Repaid response
- Auto cooling fan
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection

### THE POWER CURVE OF OUTPUT

If The Input Voltage is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.





Wide Range Input 100V~280V  
Digital Meter Display



Built-in 120°C Temperature Sensor  
Over-heat Protection  
Over-voltage/Low-voltage Protection  
Overload Protection



Extending Relay Life Time by  
Zero Cross Switching Technology



110V Assist Output



Resettable Circuit Breaker



POWER	1000VA/600W	2000VA/1200W	3000VA/1800W	5000VA/3000W
Technology	CPU based Digital Circuit			
Input	Input Voltage Range	100Vac~280Vac	80Vac~140Vac	
	Input Frequency	50/60Hz		
Output	Output Voltage Range	220Vac	110Vac	
	Output Precision	±10%		
Efficiency	98%			
Phase	Single Phase			
Status Display	Input Voltage, Output Voltage, Delay Time			
Protection	High Voltage Protection	Yes		
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch		
	Over-heat Protection	Yes		
Delay Time	6/120 Seconds			
Safety Standards	CE, EN60950, EN55024			
Operating Conditions	Operating Temperature	0~40°C		
	Storage Temperature	-15~45°C		
	Operating Relative Humidity	10%RH~95%RH, Non-condensing		



# SD

1000VA~5000VA

**Ultra Slim  
Wall Mount  
Stabilizer**

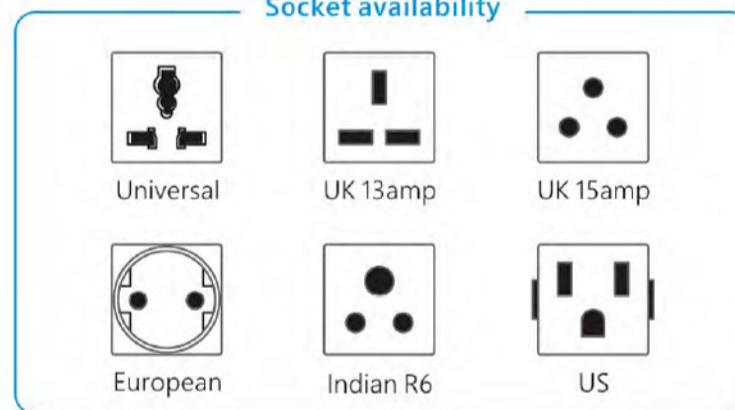


## SD

1000VA~5000VA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
SD-1000	304*199*68	3.70
SD-2000	304*199*68	5.25
SD-3000	367*247*95	7.65
SD-5000	367*247*95	9.85

### Socket availability

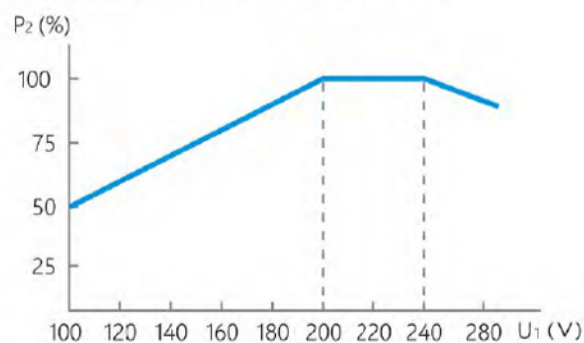


## FEATURES

- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Auto cooling fan
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection

### THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.





Wide Range Input 100V~280V  
Digital Meter Display



Built-in 120°C Temperature Sensor  
Over-heat Protection  
Over-voltage/Low-voltage Protection  
Overload Protection



Extending Relay Life Time by  
Zero Cross Switching Technology



110V Assist Output



Resettable Circuit Breaker



**LED COLOR SCREEN**  
4 colors, screen size:  
1000VA~2000VA: 3.4 inch  
3000VA~5000VA: 4.3 inch

POWER	1000VA/600W	2000VA/1200W	3000VA/1800W	5000VA/3000W
Technology	CPU based Digital Circuit			
Input	Input Voltage Range	100Vac~280Vac	80Vac~140Vac	
	Input Frequency	50/60Hz		
Output	Output Voltage Range	220Vac	110Vac	
	Output Precision	±10%		
Efficiency	98%			
Phase	Single Phase			
Status Display	Input Voltage, Output Voltage, Delay Time			
Protection	High Voltage Protection	Yes		
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch		
	Over-heat Protection	Yes		
Delay Time	6/120 Seconds			
Safety Standards	CE, EN60950, EN55024			
Operating Conditions	Operating Temperature	0~40°C		
	Storage Temperature	-15~45°C		
	Operating Relative Humidity	10%RH~95%RH, Non-condensing		



# SDF

1000VA~5000VA

**Ultra Slim  
Wall Mount  
Stabilizer**

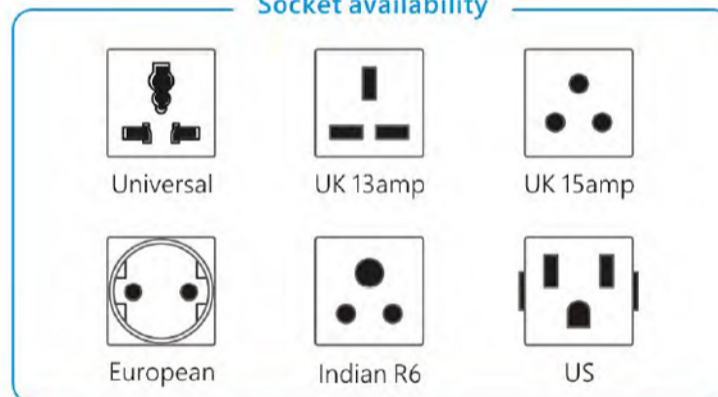


## SDF

1000VA~5000VA

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
SDF-1000	304*199*68	3.70
SDF-2000	304*199*68	5.25
SDF-3000	367*247*95	7.65
SDF-5000	367*247*95	9.85

### Socket availability

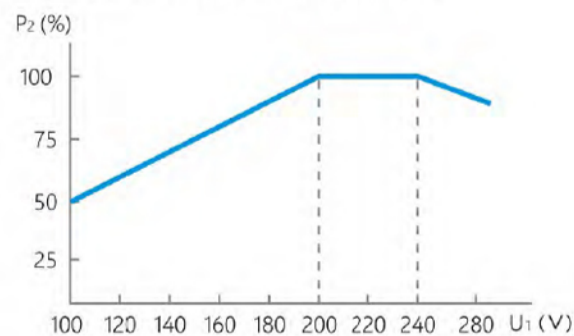


## FEATURES

- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Auto cooling fan
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection

### THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.

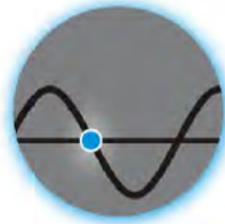




Wide Range Input 100V~280V  
Digital Meter Display



Built-in 120°C Temperature Sensor  
Over-heat Protection  
Over-voltage/Low-voltage Protection  
Overload Protection



Extending Relay Life Time by  
Zero Cross Switching Technology



110V Assist Output



Resettable Circuit Breaker



**LED COLOR SCREEN**

4 colors, screen size:  
1000VA~2000VA: 3.4 inch  
3000VA~5000VA: 4.3 inch



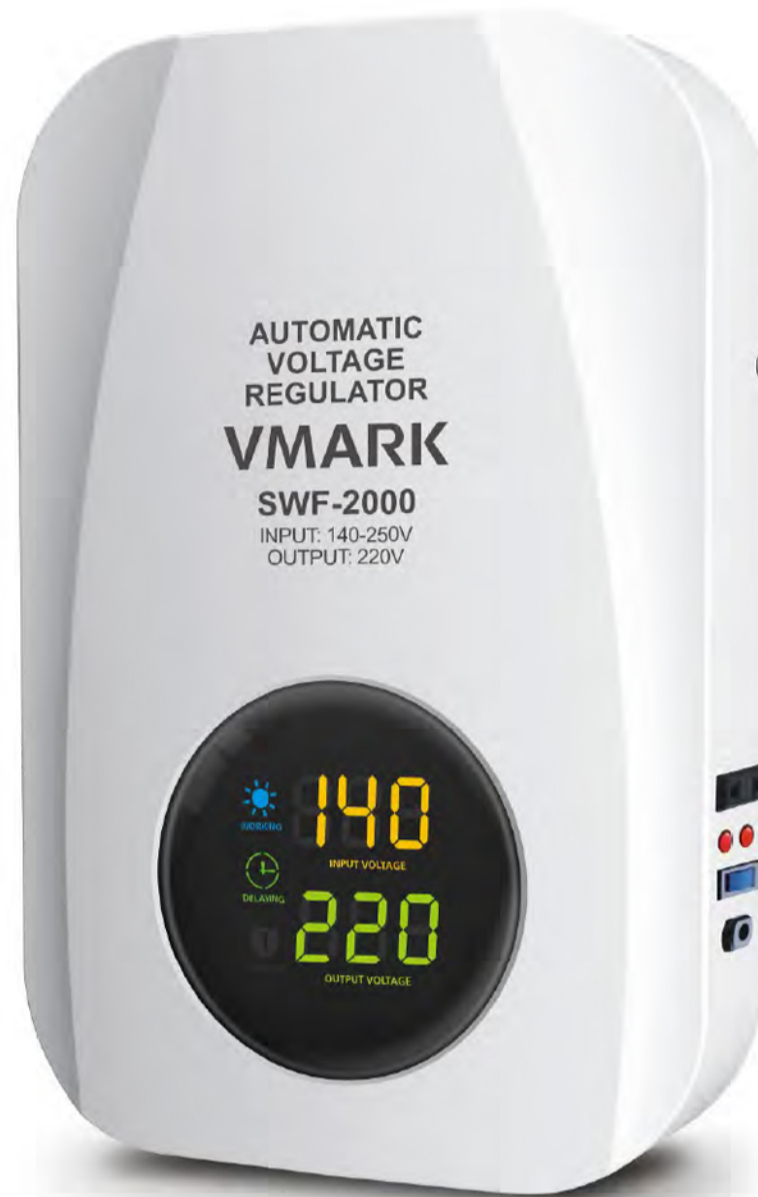
POWER	1000VA/600W	2000VA/1200W	3000VA/1800W	5000VA/3000W
Technology	CPU based Digital Circuit			
Input	Input Voltage Range	100Vac~280Vac	80Vac~140Vac	
	Input Frequency	50/60Hz		
Output	Output Voltage Range	220Vac	110Vac	
	Output Precision	±10%		
Efficiency	98%			
Phase	Single Phase			
Status Display	Input Voltage, Output Voltage, Delay Time			
Protection	High Voltage Protection	Yes		
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch		
	Over-heat Protection	Yes		
Delay Time	6/120 Seconds			
Safety Standards	CE, EN60950, EN55024			
Operating Conditions	Operating Temperature	0~40°C		
	Storage Temperature	-15~45°C		
	Operating Relative Humidity	10%RH~95%RH, Non-condensing		



# SWF

1000VA~5000VA

**Ultra Slim  
Wall Mount  
Stabilizer**

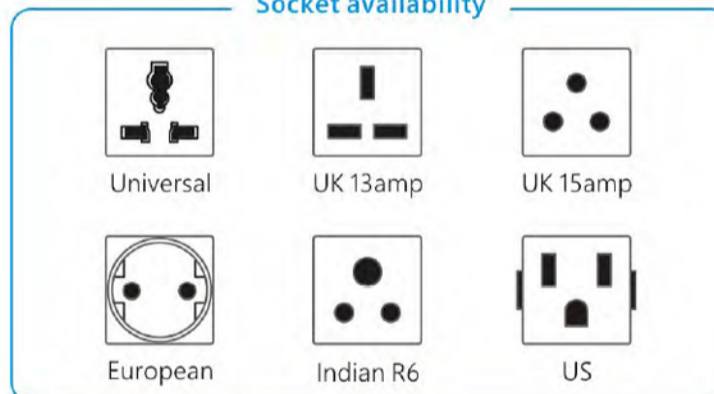


## SWF

1000VA~5000VA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
SWF-1000	304*199*68	3.70
SWF-2000	304*199*68	5.25
SWF-3000	367*247*95	7.65
SWF-5000	367*247*95	9.85

### Socket availability

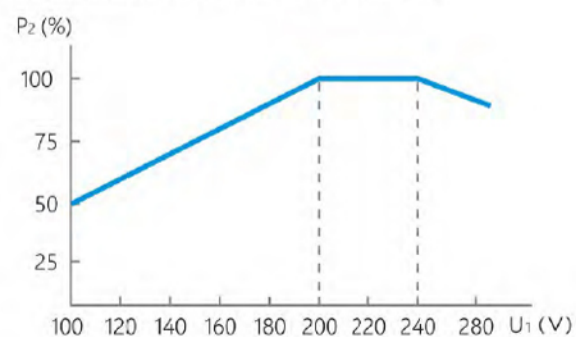


## FEATURES

- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Auto cooling fan
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection

### THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.

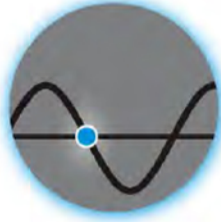




Wide Range Input 100V~280V  
Digital Meter Display



Built-in 120°C Temperature Sensor  
Over-heat Protection  
Over-voltage/Low-voltage Protection  
Overload Protection



Extending Relay Life Time by  
Zero Cross Switching Technology



110V Assist Output



Resettable Circuit Breaker



**LED COLOR SCREEN**

4 colors, screen size:  
1000VA~2000VA: 3.4 inch  
3000VA~5000VA: 4.3 inch

POWER	1000VA/600W	2000VA/1200W	3000VA/1800W	5000VA/3000W
Technology	CPU based Digital Circuit			
Input	Input Voltage Range	100Vac~280Vac	80Vac~140Vac	
	Input Frequency	50/60Hz		
Output	Output Voltage Range	220Vac	110Vac	
	Output Precision	±10%		
Efficiency	98%			
Phase	Single Phase			
Status Display	Input Voltage, Output Voltage, Delay Time			
Protection	High Voltage Protection	Yes		
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch		
	Over-heat Protection	Yes		
Delay Time	6/120 Seconds			
Safety Standards	CE, EN60950, EN55024			
Operating Conditions	Operating Temperature	0~40°C		
	Storage Temperature	-15~45°C		
	Operating Relative Humidity	10%RH~95%RH, Non-condensing		



# SCD SCE

500VA~1000VA

## Wall Mount Stabilizer



**WSD**  
LED COLOR SCREEN  
4 colors, screen size:  
1000VA~2000VA: 3.4 inch



**WSE**  
Digital Meter

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
SCD-500	220*155*79	2.50
SCD-1000	220*155*79	3.10
SCE-500	220*155*79	2.50
SCE-1000	220*155*79	3.10

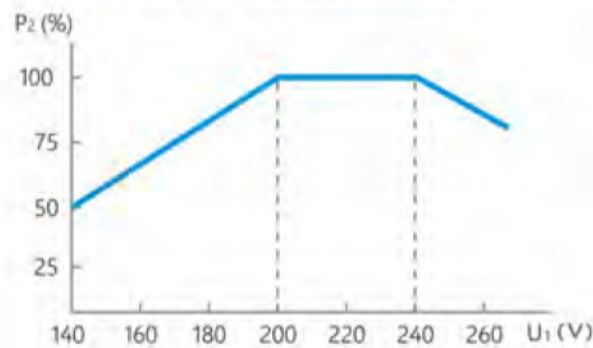
## SCD 500VA~1000VA

### FEATURES

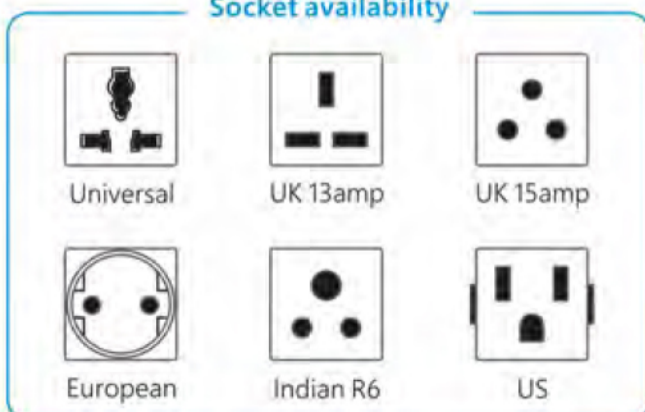
- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection

### THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



### Socket availability



REAR PANEL  
500VA



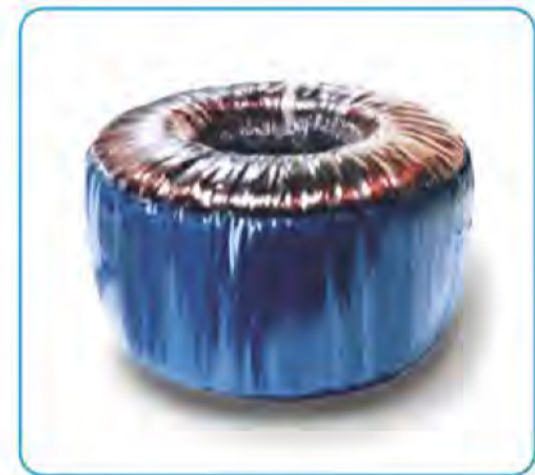
REAR PANEL  
1000VA



**SCE**  
500VA~1000VA



EI Transformer



Toroidal

POWER	1000VA/600W	2000VA/1200W	3000VA/1800W	5000VA/3000W
Technology	CPU based Digital Circuit			
Input	Input Voltage Range	140Vac~260Vac	80Vac~140Vac	
	Input Frequency	50/60Hz		
Output	Output Voltage Range	220Vac	110Vac	
	Output Precision	±10%		
Efficiency	98%			
Phase	Single Phase			
Status Display	Input Voltage, Output Voltage, Delay Time			
Protection	High Voltage Protection	Yes		
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch		
	Over-heat Protection	Yes		
Delay Time	6/120 Seconds			
Safety Standards	CE, EN60950, EN55024			
Operating Conditions	Operating Temperature	0~40°C		
	Storage Temperature	-15~45°C		
	Operating Relative Humidity	10%RH~95%RH, Non-condensing		



# WND WNE

1000VA~10000VA

## Wall Mount Stabilizer



**WND**  
1000VA~2000VA



**WND**  
3000VA~5000VA



**WND**  
8000VA~10000VA



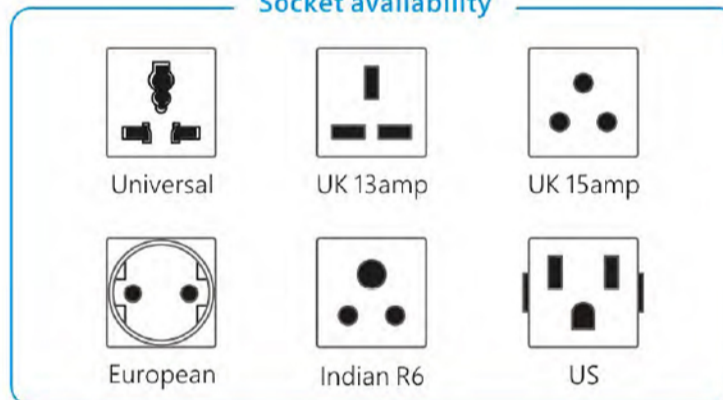
**WND**  
LED COLOR SCREEN  
4 colors, screen size:  
1000VA~2000VA: 3.4 inch  
3000VA~5000VA: 4.3 inch



**WNE**  
Dual Digital Meters

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
1000VA	290*220*110	3.75
2000VA	290*220*110	4.65
3000VA	330*270*140	8.76
5000VA	330*270*140	10.66
8000VA	410*285*208	15.45
10000VA	410*285*208	17.65

### Socket availability

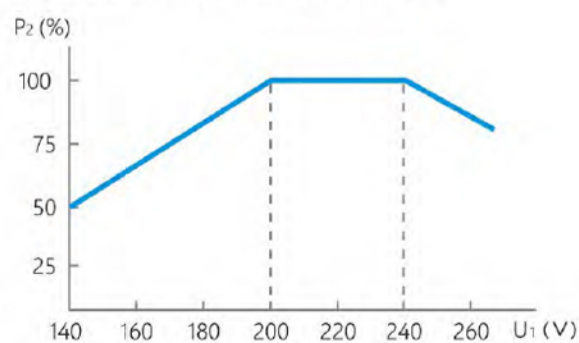


### FEATURES

- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Auto cooling fan
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection

### THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.





**WNE**  
1000VA~2000VA



**WNE**  
3000VA~5000VA



**WNE**  
8000VA~10000VA

POWER	1000VA/600W	2000VA/1200W	3000VA/1800W	5000VA/3000W	8000VA/4800W	10000VA/6000W
Technology	CPU based Digital Circuit					
Input	Input Voltage Range	140Vac~260Vac			80Vac~140Vac	
	Input Frequency	50/60Hz				
Output	Output Voltage Range	220Vac			110Vac	
	Output Precision	±10%				
Efficiency	98%					
Phase	Single Phase					
Status Display	Input Voltage, Output Voltage, Delay Time					
Protection	High Voltage Protection	Yes				
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch				
	Over-heat Protection	Yes				
Delay Time	6/120 Seconds					
Safety Standards	CE, EN60950, EN55024					
Operating Conditions	Operating Temperature	0~40°C				
	Storage Temperature	-15~45°C				
	Operating Relative Humidity	10%RH~95%RH, Non-condensing				



# WSD WSE WSM

1000VA~5000VA

## Wall Mount Stabilizer



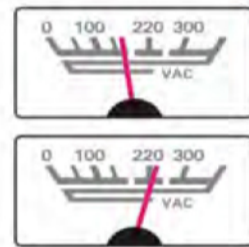
**WSD**  
1000VA~5000VA



**WSD**  
**LED COLOR SCREEN**  
4 colors, screen size:  
1000VA~2000VA: 3.4 inch  
3000VA~5000VA: 4.3 inch



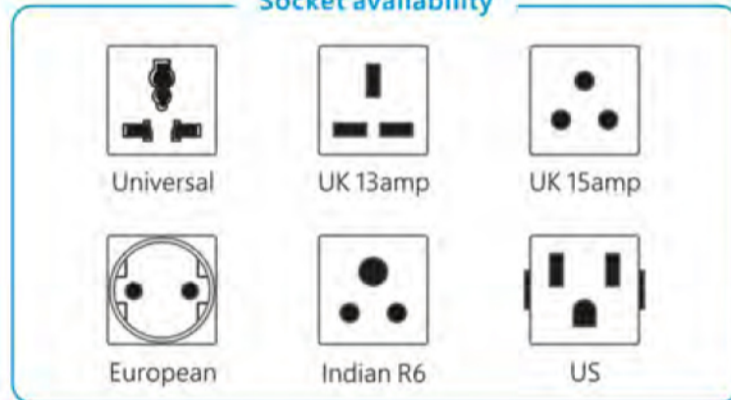
**WSE**  
**Dual Digital Meters**



**WSM**  
**Dual Mechanical Meters**

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
1000VA	290*220*110	4.80
2000VA	290*220*110	6.00
3000VA	330*270*140	12.50
5000VA	330*270*140	15.50

### Socket availability

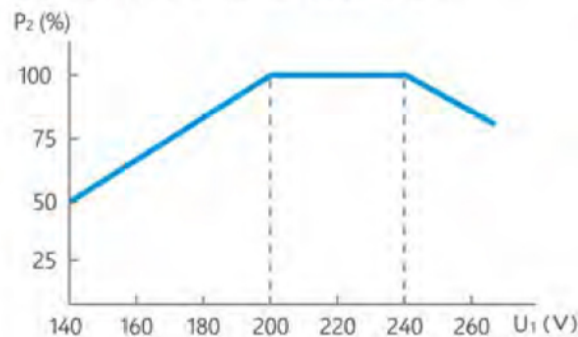


### FEATURES

- Microprocessor controlled stabilizer
- Color screen display
- Repaid response
- Auto cooling fan
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection

### THE POWER CURVE OF OUTPUT

If The Input Voltage is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.





**WSE**  
1000VA~5000VA



**WSM**  
1000VA~5000VA

POWER	1000VA/600W	2000VA/1200W	3000VA/1800W	5000VA/3000W
Technology	CPU based Digital Circuit			
Input	Input Voltage Range	140Vac~260Vac	80Vac~140Vac	
	Input Frequency	50/60Hz		
Output	Output Voltage Range	220Vac	110Vac	
	Output Precision	±10%		
Efficiency	98%			
Phase	Single Phase			
Status Display	Input Voltage, Output Voltage, Delay Time			
Protection	High Voltage Protection	Yes		
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch		
	Over-heat Protection	Yes		
Delay Time	6/120 Seconds			
Safety Standards	CE, EN60950, EN55024			
Operating Conditions	Operating Temperature	0~40°C		
	Storage Temperature	-15~45°C		
	Operating Relative Humidity	10%RH~95%RH, Non-condensing		



# ZVK SNE SN

500VA~1000VA



**ZVK**  
500VA~1000VA

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
ZVK-500	119*145*207	2.00
ZVK-1000	119*145*207	2.50
1500VA	187*145*265	5.20
2000VA	187*145*265	6.00

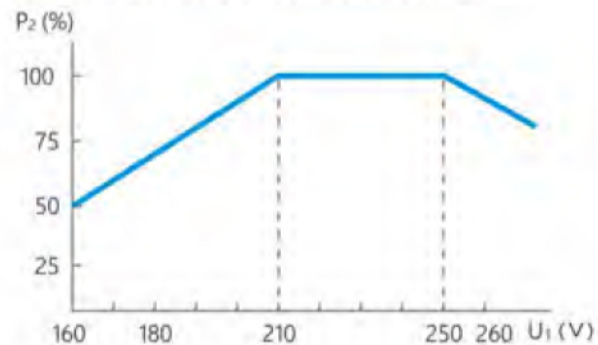
Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
SNE-500	123*123*120	2.00
SNE-1000	123*123*120	2.50
SN-500	123*123*120	2.00
SN-1000	123*123*120	2.50

## FEATURES

- Automatic voltage regulation
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 210-250v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



## Socket availability



Universal



European



UK 13amp



**SNE**  
500VA~1000VA



**SN**  
500VA~1000VA

POWER	500VA/250W		1000VA/400W
Technology	CPU based Digital Circuit		
Input	Input Voltage Range	160Vac~260Vac	80Vac~140Vac
	Input Frequency	50/60Hz	
Output	Output Voltage Range	220Vac	110Vac
	Output Precision	±10%	
Efficiency	98%		
Phase	Single Phase		
Status Display	Input Voltage, Output Voltage, Delay Time		
Protection	High Voltage Protection	Yes	
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch	
	Over-heat Protection	Yes	
Delay Time	6/120 Seconds		
Safety Standards	CE, EN60950, EN55024		
Operating Conditions	Operating Temperature	0~40°C	
	Storage Temperature	-15~45°C	
	Operating Relative Humidity	10%RH~95%RH, Non-condensing	



# RVK RVM KES KMS

500VA~1000VA



**RVK**  
500VA~1000VA



**RVM**  
500VA~1000VA

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
RVK-500	80*235*120	2.50
RVK-1000	80*235*120	3.00
RVM-500	80*235*120	2.50
RVM-1000	80*235*120	3.00

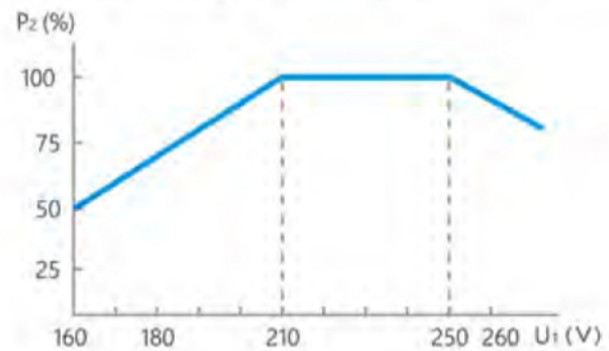
Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
KES-500	80*350*110	1.80
KES-1000	80*350*110	2.00
KMS-500	80*350*110	1.80
KMS-1000	80*350*110	2.00

## FEATURES

- Automatic voltage regulation
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 210-250v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



## Socket availability



Universal



European



UK 13amp



**SNE**  
500VA~1000VA



**SN**  
500VA~1000VA

POWER	500VA/250W		1000VA/400W
Technology	CPU based Digital Circuit		
Input	Input Voltage Range	160Vac~260Vac	80Vac~140Vac
	Input Frequency	50/60Hz	
Output	Output Voltage Range	220Vac	110Vac
	Output Precision	±10%	
Efficiency	98%		
Phase	Single Phase		
Status Display	Input Voltage, Output Voltage, Delay Time		
Protection	High Voltage Protection	Yes	
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch	
	Over-heat Protection	Yes	
Delay Time	6/120 Seconds		
Safety Standards	CE, EN60950, EN55024		
Operating Conditions	Operating Temperature	0~40°C	
	Storage Temperature	-15~45°C	
	Operating Relative Humidity	10%RH~95%RH, Non-condensing	



# GVK GVM REP RMP VK1000V VM800V VK1000 AVR500

500VA~1000VA



**GVK**  
500VA~1000VA



**REP**  
500VA~1000VA

Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
GVK-500	170*125*250	1.90
GVK-1000	170*125*250	2.10
GVM-500	170*125*250	1.90
GVM-1000	170*125*250	2.10
REP-500	80*275*70	1.90
REP-1000	80*275*70	2.10
RMP-500	80*275*70	1.90
RMP-1000	80*275*70	2.10

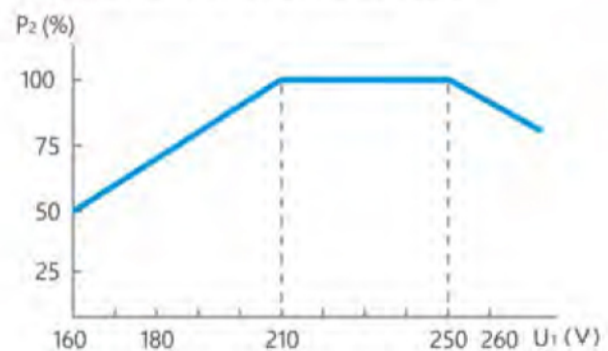
Model	Measurement(mm) (Height*Width*Depth)	N.Weight(Kg)
VK-1000V	85*155*238	2.00
VM-800V	85*155*238	2.00
VK-1000	90*160*225	2.00
AVR-500D	94*110*176	1.50
AVR-500	94*110*176	1.50

## FEATURES

- Automatic voltage regulation
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

## THE POWER CURVE OF OUTPUT

If The Input Voltage Is In The Range Of 210-250v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



## Socket availability



Universal



European



UK 13amp



**VK-1000V**



**VM-800V**



**VK-1000**



**AVR-500D**

**AVR-500**



POWER	500VA/250W	800VA/320W	1000VA/400W
Technology	CPU based Digital Circuit		
Input	Input Voltage Range	160Vac~260Vac	80Vac~140Vac
	Input Frequency	50/60Hz	
Output	Output Voltage Range	220Vac	110Vac
	Output Precision	±10%	
Efficiency	98%		
Phase	Single Phase		
Status Display	Input Voltage, Output Voltage, Delay Time		
Protection	High Voltage Protection	Yes	
	Circuit Protection	Fuse/ Circuit Breaker/ Air Break Switch	
	Over-heat Protection	Yes	
Delay Time	6/120 Seconds		
Safety Standards	CE, EN60950, EN55024		
Operating Conditions	Operating Temperature	0~40°C	
	Storage Temperature	-15~45°C	
	Operating Relative Humidity	10%RH~95%RH, Non-condensing	



# AR

300VA~5000VA

• 110V  
• 220V  
**UNIVERSAL POWER**



**AR**  
300VA~500VA

**AR**  
1000VA~1500VA

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
AR-300	145*189*215	4.00
AR-500	145*189*215	4.50
AR-1000	145*215*255	6.50
AR-1500	145*215*255	7.00

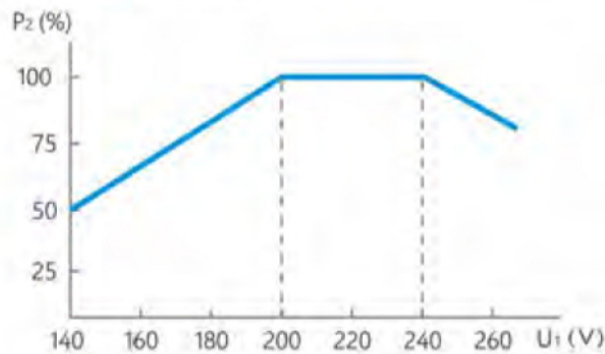
Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
AR-2000	160*255*305	12.00
AR-3000	160*255*305	12.50
AR-4000	190*310*305	18.00
AR-5000	190*310*305	19.00

## FEATURES

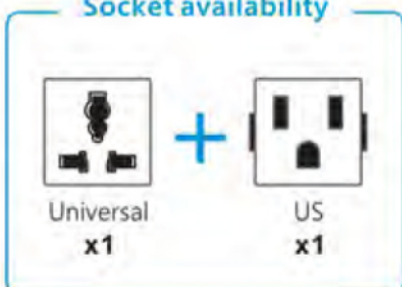
- Automatic voltage regulation
- Voltmeters show line voltage and regulated voltage
- Repaid response
- Start-up delay function
- High voltage and Low voltage protection
- Short circuit & Overload protection
- Power-back surges protection
- Overheat protection (Optional)

### THE POWER CURVE OF OUTPUT

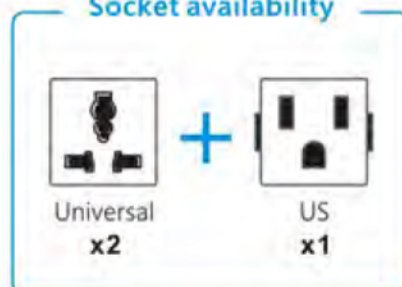
If The Input Voltage Is In The Range Of 200-240v, The Regulator Is Able To Provide 100% Listed Maximum Output Power. Maximum Output Power Will Change As The Curve Shown Below.



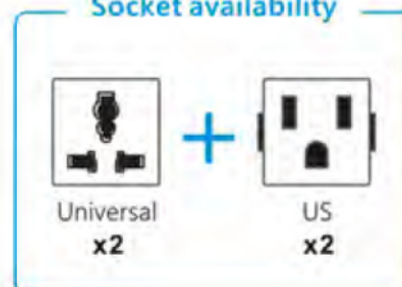
**AR-300,500**  
Socket availability



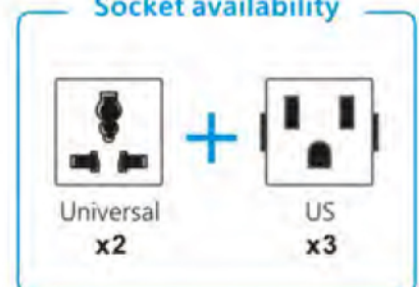
**AR-1000,1500**  
Socket availability



**AR-2000,3000**  
Socket availability



**AR-4000,5000**  
Socket availability





**AR**  
2000VA~3000VA



**AR**  
4000VA~5000VA



POWER	300VA/180W	500VA/300W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W	4000VA/2400W	5000VA/3000W
Technology	CPU based Digital Circuit							
Input	Input Voltage Range		140Vac~260Vac			80Vac~140Vac		
	Input Frequency		50/60Hz					
Output	Output Voltage Range		220Vac			110Vac		
	Output Precision		±10%					
Efficiency	98%							
Phase	Single Phase							
Status Display	Input Voltage, Output Voltage, Delay Time							
Protection	High Voltage Protection		Yes					
	Circuit Protection		Fuse/ Circuit Breaker/ Air Break Switch					
	Over-heat Protection		Yes					
Delay Time	6/120 Seconds							
Safety Standards	CE, EN60950, EN55024							
Operating Conditions	Operating Temperature		0~40°C					
	Storage Temperature		-15~45°C					
	Operating Relative Humidity		10%RH~95%RH, Non-condensing					



MICRO PROCESSOR CONTROLLED

# Voltage Guard

## AVS-CE AVS-BE

5A 13A 15A 30A



Protection Against



Low Voltage



High Voltage



Spikes/Surges



Power-Back  
Surges



Basic  
Lightning



AVS-30CE



AVS-30BE



AVS-5CE



AVS-13CE



AVS-15CE



AVS-5BE



AVS-13BE



AVS-15BE

# Settable

## Features of AVS-E

Item	Default	Settable Range	Code	Step	No. of Step	
Delay time	6S	6S~120S	E-0	6S	20	
Under-voltage Protection	180V	120V~200V	E-1	5V	16	
Over-voltage Protection	255V	180V~270V	E-2	5V	12	
Overload Protection	AVS-5AE	700W	100W~1000W	E-3	150W	7
	AVS-10AE	900W	300W~1800W	E-3	300W	6
	AVS-13AE	1800W	500W~2700W	E-3	450W	6
	AVS-15AE	2000W	500W~3000W	E-3	500W	6
	AVS-30AE	3000W	800W~4800W	E-3	1000W	6

Remarks: A means the load power exceed 1000W. For example, 2A5 means 2500W.

## FEATURES

- Microprocessor controlled stabilizer
- User adjustable protection settings
- Delay Protection
- High voltage Protection
- Low voltage Protection
- Spikes/surges Protection

Model	5A	13A	15A	30A
Spikes/Surges	✓	✓	✓	✓
High Voltage Protection Setting	✓	✓	✓	✓
Low Voltage Protection Setting	✓	✓	✓	✓
Power cut	✓	✓	✓	✓
Power-back surges	✓	✓	✓	✓
Amps	5Amps	13Amps	15Amps	30Amps
Single phase	✓	✓	✓	✓
Connect by	Plug/Socket	Plug/Socket	Plug/Socket	Direct Wiring
Suitable for	Any electrical or electronic equipment ( incl.air con )			
Size (mm)	132x64x85	160x105x53	193x133x58	193x133x58
Net Weight (Kg)	0.15Kg	0.3Kg	0.3Kg	0.5Kg



MICRO PROCESSOR CONTROLLED

# Voltage Guard

## AVS-AE

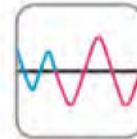
5A 10A 13A 15A 30A



Protection Against



Low Voltage



High Voltage



Spikes/Surges



Power-Back Surges



Basic Lightning



AVS-30AE



AVS-13AE



AVS-15AE



AVS-5AE



AVS-10AE

# Settable

## Features of AVS-E

Item	Default	Settable Range	Code	Step	No.of Step	
Delay time	6S	6S~120S	E-0	6S	20	
Under-voltage Protection	180V	120V~200V	E-1	5V	16	
Over-voltage Protection	255V	180V~270V	E-2	5V	12	
Overload Protection	AVS-5AE	700W	100W~1000W	E-3	150W	7
	AVS-10AE	900W	300W~1800W	E-3	300W	6
	AVS-13AE	1800W	500W~2700W	E-3	450W	6
	AVS-15AE	2000W	500W~3000W	E-3	500W	6
	AVS-30AE	3000W	800W~4800W	E-3	1000W	6

Remarks: A means the load power exceed 1000W. For example, 2A5 means 2500W.

## FEATURES

- Microprocessor controlled stabilizer
- User adjustable protection settings
- Delay Protection
- High voltage Protection
- Low voltage Protection
- Spikes/surges Protection

Model >	AVS-5AE	AVS-10AE	AVS-13AE	AVS-15AE	AVS-30AE
Spikes/Surges	✓	✓	✓	✓	✓
High Voltage Protection Setting	✓	✓	✓	✓	✓
Low Voltage Protection Setting	✓	✓	✓	✓	✓
Power cut	✓	✓	✓	✓	✓
Power-back surges	✓	✓	✓	✓	✓
Amps	5 Amps	10 Amps	13 Amps	15 Amps	30 Amps
Single phase	✓	✓	✓	✓	✓
Connect by	Plug/Socket	Plug/Socket	Plug/Socket	Plug/Socket	Direct Wiring
Suitable for	Any electrical or electronic equipment (incl.air con)				
Size (mm)	132x64x85	265x65x50	160x105x53	160x105x53	193x133x58
Net Weight (Kg)	0.15Kg	0.2Kg	0.3Kg	0.3Kg	0.5Kg



# Voltage Guard

## AVS-A AVS-ACPU

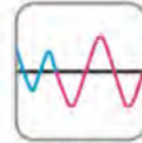
5A 13A 15A 30A



Protection Against



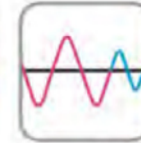
Low Voltage



High Voltage



Spikes/Surges



Power-Back Surges



Basic Lightning



**AVS-5A**

### FEATURES

- Delay Protection
- High voltage Protection
- Low voltage Protection
- Spikes/surges Protection



**AVS-13A, 15A**



13A



15A



**AVS-13A CPU, 15A CPU**



**AVS-30A**



**AVS-30A CPU**

Model >	AVS-5A	AVS-13A	AVS-15A	AVS-30A
Spikes/Surges	✓	✓	✓	✓
High Voltage Protection Setting	✓	✓	✓	✓
Low Voltage Protection Setting	✓	✓	✓	✓
Power cut	✓	✓	✓	✓
Power-back surges	✓	✓	✓	✓
Amps	5 Amps	13 Amps	15 Amps	30 Amps
Single phase	✓	✓	✓	✓
Connect by	Plug/Socket	Plug/Socket	Plug/Socket	Direct Wiring
Suitable for	Any electrical or electronic equipment (incl.air con)			
Size (mm)	141 x 65 x 60	145 x 102 x 50		205 x 135 x 55
Net Weight (Kg)	0.15Kg	0.30Kg		0.50Kg

Model >	AVS-5ACPU	AVS-13ACPU	AVS-15ACPU	AVS-30ACPU
Spikes/Surges	✓	✓	✓	✓
High Voltage Protection Setting	✓	✓	✓	✓
Low Voltage Protection Setting	✓	✓	✓	✓
Power cut	✓	✓	✓	✓
Power-back surges	✓	✓	✓	✓
Amps	5 Amps	13 Amps	15 Amps	30 Amps
Single phase	✓	✓	✓	✓
Connect by	Plug/Socket	Plug/Socket	Plug/Socket	Direct Wiring
Suitable for	Any electrical or electronic equipment (incl.air con)			
Size (mm)	141 x 65 x 60	145 x 102 x 50		205 x 135 x 55
Net Weight (Kg)	0.15Kg	0.30Kg		0.50Kg



# SGE SPE SPR10A

## SURGE PROTECTOR



**6**

6 Sockets

**1.8m**

1.8-Metre Power Cable



Cable Management



Phone /Modem /DSL Protection

**SGE**



**6**

6 Sockets

**1.8m**

1.8-Metre Power Cable

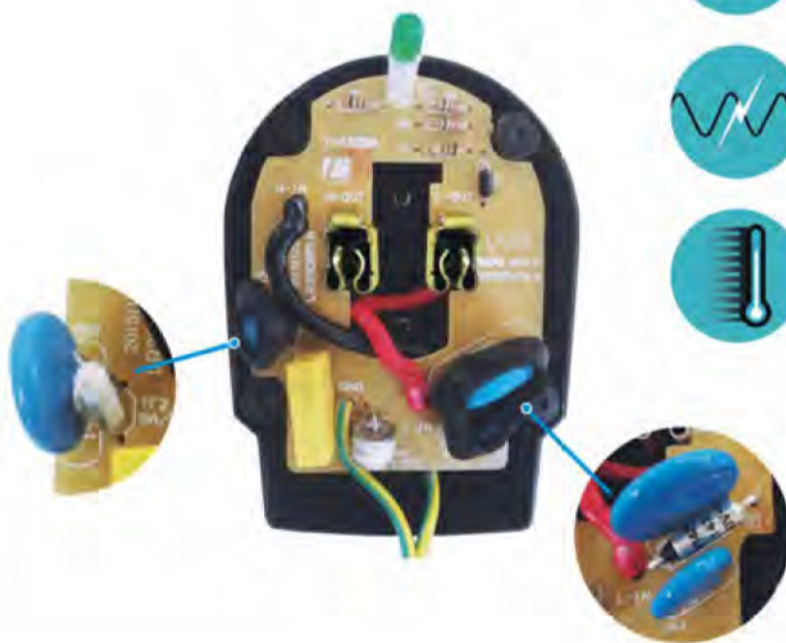


Cable Management

**SPE**



**SPR-10A**



Lightning Guard



Spike /Surge Suppressor



Overheat Protection



Model >	SPR-10A	SGE	SPE
Technical Parameters	2000VA~10A Max, 250Vac, 50/60Hz		
Input Voltage/frequency	220Vac 50Hz		
Output Voltage/frequency	220Vac 50Hz		
Maximum Current	10Amp (Depends On Working Conditions)		
Output Socket	1 x C14	6 x C14	6 x C14
Phone/Fax/Modem Line Protection	—	✓	—
EMI/RFI Noise Filter	—	Option	—
Surge Protection Energy	398~874Joules		
Resettable Circuit Breaker	10 Amp		
Indicator	LED x 1	LED x 2	LED x 2
Operating Temperature	0°C~40°C, Resistance Heat : 80°C		
Waveform	Sine Wave(depend On Input Voltage)		
Measurement (mm)	97*67*80	45*129*268	48*52*410
N. Weight(kg)	0.10	0.70	0.35



**SGA SGU SPKST SPVST SGV SGK ES5B ES5C  
ES-3-4-5 ST6A ST6B SPA SPU  
SURGE PROTECTOR**



Model >	SGA	SGU	SPK-ST	SPV-ST	SPA	SPU
Technical Parameters	2000VA~10A Max, 250Vac, 50/60Hz					
Input Voltage/frequency	220Vac 50Hz					
Output Voltage/frequency	220Vac 50Hz					
Maximum Current	10Amp (Depends On Working Conditions)					
Output Socket	6 x C13	6 x C11	5 x C11	5 x C11	6 x C13	6 x C11
Phone/Fax/Modem Line Protection	✓	✓	✓	✓	—	—
EMI/RFI Noise Filter	Option	Option	—	—	—	—
Surge Protection Energy	398~874Joules					
Resettable Circuit Breaker	10 Amp					
Indicator	LED x 2	LED x 2	LED x 2	LED x 2	LED x 2	LED x 2
Operating Temperature	0°C~40°C, Resistance Heat : 80°C					
Waveform	Sine Wave(depend On Input Voltage)					
Measurement (mm)	45*129*268	45*129*268	45*340*113	45*330*110	37*52*410	35*52*410
N. Weight(kg)	0.70	0.50	0.70	0.70	0.35	0.35

Model >	SGV	SGK	ES-3	ES-4	ES-5	ES-5B	ES-5C	ST-6A	ST-6B
Technical Parameters	2000VA~10A Max, 250Vac, 50/60Hz								
Input Voltage/frequency	220Vac 50Hz								
Output Voltage/frequency	220Vac 50Hz								
Maximum Current	10Amp (Depends On Working Conditions)								
Output Socket	6 x C11	6 x C11	3 x C11	4 x C11	5 x C11	5 x C11	5 x C11	6 x C11	6 x C11
Phone/Fax/Modem Line Protection	—	—	—	—	—	✓	—	—	—
EMI/RFI Noise Filter	—	—	—	—	—	—	—	Option	Option
Surge Protection Energy	238~714Joules					398~874 Joules		238~714Joules	
Resettable Circuit Breaker	10 Amp								
Indicator	LED x 1	LED x 1	LED x 1	LED x 1	LED x 1	LED x 1	LED x 1	LED x 2	LED x 2
Operating Temperature	0°C~40°C, Resistance Heat : 80°C								
Waveform	Sine Wave(depend On Input Voltage)								
Measurement (mm)	45*140*255	35*110*235	40*85*240	40*85*290	40*85*345	40*85*290	40*60*340	30*65*425	30*65*425
N. Weight(kg)	0.55	0.50	0.40	0.45	0.50	0.50	0.45	0.50	0.50



# INVERTER

## IV-B

200VA~600VA



### Features

1. Toroidal transformer for raising the efficiency of Inverter
2. Overcharge protection for the battery life-saving
3. High charging current (max.60A) reduce the charging time. Selectable normal charging mode & boost charging mode
4. With high cold-start power & high capacity of instant max. power output

Model	Measurement(mm) ( Height*Width*Depth )	N.Weight(Kg)
IV-200B	280*270*105	4.70
IV-300B	280*270*105	5.40
IV-400B	280*270*105	6.10
IV-600B	280*270*105	8.30

Model No.		IV-200B	IV-300B	IV-400B	IV-600B
Rated Power		200W	300W	400W	600W
Input	Voltage	220±20%Vac			
	Frequency	45-65Hz			
Output	Voltage	230V±10%			
	Frequency	50±0.5Hz			
	Waveform	Square Wave			
	Utility Power	————			
	Cold Start Power	100% of Rated Power ( for 220V Lamp )			
Battery	Type	Sealed Lead-Acid, Maintenance-free			
	DC Voltage	12Vdc			
	Capacity	————			
	Backup Time	Depending on the external battery			
	Charging Voltage	13.5-14.45Vdc			
	Charging Current	≤ 20A	≤ 30A	≤ 40A	≤ 60A
	Recharge Time	≤ 8Hours, Charging Up to 90%			
	Reverse Connection	No startup & No damage			
Audible Alarm	Battery Discharge	————			
	Fault	————			
Protection	Overload Protection	————			
	Low Voltage Protection	Automatic Shutdown			
	Short Circuit Protection	————			
Transfer Time		50ms			
Cooling System		Thermostatic Control Fan			
On/Off Inverter Switch Mode		Inverter for startup / shutdown			
Indicators		Voltmetre / LED			
Operating Temperature		0-40°C			
Noise(dB)		<40dB			
Relative Humidity		20% - 90% non-condensing			

Please select the suitable input plug or other input accessories from below listed.



Please select the suitable output socket or other output accessories from below listed.



Please note that below listed is our standard fixture. Therefore, We reserve the right to amend the quotation if any change is requested.

POWER	PLUG	SOCKET	POWER	PLUG	SOCKET
300VA	A01	C09	3000VA	A12	C10
500VA	A01	C09	5000VA	A12	C10
1000VA	A09	C03	8000VA	A12	C10
1500VA	A09	C03	10000VA	A12	C10
2000VA	A09	C03			