

Car Mini Inverter

Car Mini Inverter (Portable)

Parameter	CAR 7500	CAR 7502U
Rated Power	75 W	
Surge power	150 W	
Frequency	50 Hz \pm 3% (Modified Sinewave)	
AC Voltage	230V \pm 10%	
USB Port	5V 500mA	
Volt. Range	9.5 to 16 V	
DC Current	8 A	

Car Mini Inverter can be plug into the cigarette lighter socket of the car then you will 220 V AC power for your electronic devices such as laptops and mobiles.



Car Mini Inverter (Portable) with USB

Parameter	CAR151	PID 120
Rated Power	150 W	120 W
Surge power	300 W	240 W
Frequency	50 Hz \pm 3% (Modified Sinewave)	
AC Voltage	230V \pm 10%	
USB Port	5V 500mA	
Volt. Range	9.5 to 16 V	
DC Current	8 A	

Switch Mode Power Supply (SMPS)

S series Single Output SMPS

Switch Mode Power Supply (SMPS) is a device that converts wide range alternating current (AC) to direct current (DC) with short circuit/overload protection.



Parameter	S-25	S-50	S-100	S-250	S-350	S-400
Rated Power	25W	50 W	100W	250W	350W	400W
Rated Current	2A	2A	8.3A/4.1A	10.4A	14.4A	16.6
AC Volt I/p	115V/230V \pm 10%					
Frequency	50 Hz.					
DC Output	12V	24V	12V/24V	24V	24V	24V

D series Dual & D series Triple Output SMPS

Parameter	D-30	D-60	D-120	T-50	T-120
Rated Power	30 W	60 W	120W	50 W	120W
Rated Current	1A/1A	2A/1.5A	5A/2.5A	3A/1A/1A	8A/2.5/2A
AC Volt I/p	115V/230V \pm 10%				
Frequency	50 Hz.				
DC O/p	12V/24V	12V/24V	12V/24V	5V/12v/24V	5V/12V/24V

DC to AC Modified Sine Wave Inverter

MS Series

A power inverter is a device that converts direct current (DC) to modified sine wave alternating current (AC).



Parameter	MS400	MS600	MS1000
Rated Power	400W	600W	1000W
Surge Power	800W	1200W	2000W
Frequency	50 Hz \pm 3%		
AC Voltage	230V \pm 10%		
USB Port	5V 500mA (USB Port Optional)		
DC Input	12 V / 24 V	24 V	
Efficiency	\geq 90%		

DC to AC Pure Sine Wave Inverter

PS Series

A power inverter is a device that converts direct current (DC) to pure sine wave alternating current (AC).



Parameter	P400	P600	P1000	P1500	P2000	P2500
Rated Power	400W	600W	1000W	1500W	2000W	2500W
Surge Power	800W	1200W	2000W	3000W	4000W	5000W
Frequency	50 Hz \pm 3%					
AC Voltage	230V \pm 10%					
USB Port	5V 500mA (USB Port Optional)					
DC Input	24V					
Efficiency	\geq 90% Typical					

UPS Function DC Power Supply

UPS Function DC Power Supply with Battery charger included. Battery can supply required DC power in case of power failure. On resumption of grid power, Power supply is supply-

Parameter	SC-60-12	SC-120-12
Rated Power	60 W	120 W
Rated Current	4 A /0.35A	8 A /0.5 A
AC Volt. I/P	230V \pm 10%	
Frequency	50 Hz	
DC Output	3.8 V /13.4V	13.8 V /13.4 V



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Automatic Voltage Switcher

Automatic Voltage Switcher (AVS) prevents damage to electrical and electronic equipment / appliances such as Fridge, Air Conditioner, Photo copiers and business equipments from power fluctuations specifically over and under voltage level. When Mains power supply fluctuates to your equipment, this switcher disconnects the power & reconnect after time set by wait timer.

Parameters	AVS-15	AVS-30
Nominal Voltage	230V	
Current Rating	15 Amps	30 Amps
Frequency	50/60HZ	
Spike/Surge Protection	160J	
Wait time between Switchover setting	1.5 minutes or 10minutes	10 seconds or 10minutes

1 year warranty

AVS-15



AVS-30



Automatic Transfer Switcher incl. protection

NEW

Automatic Transfer Switcher (ATS) transfers output load from source 1 such as generator 1 or solar power plant to source 2 such Mains or generator 2. Application such as Industrial Fridge, Industrial HVAC system, and business equipments. Equipment is protected from power fluctuations specifically over and under voltage level. When sources' power supply fluctuates to your equipment, this switcher disconnects the power & reconnect after time set by wait timer is included in the Automatic Transfer Switcher..

Parameters	ATS-15	ATS-30
Nominal Voltage	230V	
Current Rating	15 Amps	30 Amps
Frequency	50/60HZ	
Spike/Surge Protection	160J	
Wait time between Switchover setting	10 seconds or 10minutes	10 seconds or 10minutes

1 year warranty

Universal Control Unit

Universal Control Unit is a programmable device for monitoring & managing the control of any universal process or machine tool such as packing machine, power generator, washing machine, power management in the distribution boardboard.

Parameter	UCU-500	UCU-600
Input volts AC/DC	0 ~ 50 V	0 ~ 250 V
Output	2 Nos Open Collector PWM—1	4 Nos Open Collector PWM—2
Indication	LED—3 Nos.	LCD
Operating Volt.	12 / 24 V DC Auto Selectable	
Working temp.	Up to 45°C	
Self consumption	0.75 W	1 W

1 year warranty



Solar Inverter / Solar Power Control Unit

NEW

Solar Inverter - is an integrated solution which comprises of a solar charge controller, inverter, backup (grid) charger & LCD Display.

1 year warranty

Surge power is two times rated power



Parameter	SSI-300	SSI-400	SSI-600
Rated Power	300 VA	400 VA	600 VA
Surge power	600 VA	800 VA	1200 VA
Voltage	230VAC		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%		
Transfer Time	15mS		
Waveform	Modified / Pure sine wave		
Battery Voltage	12 / 24 VDC		
Max. Solar Power	300 W	400 W	600 W
Maximum efficiency	90%		
Battery	With & Without battery available		
Display	LED / LCD		

Parameter	SSI-1000	SSI-1500	SSI-2000	SSI-2000
Rated Power	1000 VA	1500 VA	2000 VA	3000 VA
Surge power	2000 VA	3000 VA	4000 VA	6000 VA
Voltage	230VAC			
Frequency Range	50 Hz/60 Hz (Auto sensing)			
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%			
Transfer Time	15mS			
Waveform	Modified / Pure sine wave			
Battery Voltage	24 VDC			
Max. Solar Power	1000 W	1500 W	2000 W	3000 W
Maximum efficiency	95%			
Battery	With & Without battery available			
Display	LED / LCD Display			

PV on grid inverter

A PV On—Grid tie inverter is a power inverter that converts direct current (DC) electricity into alternating current (AC) with an ability to synchronize to interface with a Mains. Net Metering is used to keep the record how much electricity is you used by you and how much you sell electricity to grid.

Sunpulse LS Series (Single Phase)

Parameters	LS 1500 H	LS 3000 H
Rated output power	1500W	3000W
Max. DC voltage	450V	500V
MPPT work voltage range	70-400V	100V-450V
Full load DC volt range	150V-400V	150V-450V
No. of independent MPP tracker	1	2
Max. input current per string of tracker-A/tracker-B	11.0A	23.0A
Max. AC Apparent power	1500W	3000W
AC grid frequency; range	50,60 Hz; ±5 Hz	
Max. output current	7.5A	15.0A

5 year warranty



Sunpulse LT Series (Three Phase) with Double MPPT tracker.

Parameters	LT 5000 HD	LT 10000 HD
Rated power	5000W	10000W
Rated DC volt.	650Vdc	
MPPT work voltage range	250-800Vdc	
MPPT Full load volt range	250-800Vdc	
No. of independent MPP tracker	2	
Max. input current per string of tracker-A/tracker-B	11A/12A	
DC connect type	MC4 terminal	
Max. AC Apparent power	5000VA	10000VA
Rated power grid frequency	50Hz/60Hz	
Grid frequency range	45-55Hz/55-65Hz	
Max. output current	8.1A	16.2 A

Additional Features :

- Internal DC Switch
- USB Port
- GPRS
- WIFI
- RS485

Some features are optional on some models.

Please verify the requirement during ordering.

Solar charge controller & Portable DC Power System

MPPT Solar charge controller

Parameter	MPPT-2425	MPPT-2450
Rated Volt.	12V/24V	
Rated Current	25 A	50 A
Input volt. Range	12V~20V / 24V~40V	12V~20V / 24V~40V

1 year warranty

