

POWER INVERTER



Reliable power supply solution
For Automotive/ RV/ Off grid system



With the pure sine wave output, no matter coffee machine, microwave, TV, satellite, printer or other heavy duty equipment, power inverter gives perfect performance of running loads from the household appliances to office devices.

Product Features

- Regulated by UL458 and CSA C22.2, CE under EN55022:2006+A1:2007 standards
- Pure sine wave output runs all loads from households appliances to office equipment
- Independent heatsink design to decrease temperature of main case
- High overload capacity allows high surge power to operate induction loads
- External LED remote controller with 5 meters remote wire

Protection

- Battery DC over voltage and low voltage protection
- Short circuit protection
- Over temperature protection
- Over load protection

Application



Motorhome



Caravan



Mobile homes



Mobile workshop



Regular vehicle



Off grid solar system

Power Range



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Power input & Output		ISCH150	ISCH300	ISCH600	ISCH1000	ISCH1500	ISCH2000	ISCH3000
Output Power		150W	300W	600W	1000W	1500W	2000W	3000W
Surge Power		250W	600W	1200W	2000W	3000W	4000W	6000W
Idle power		2W	3W	3W	9W	9.5W	12W	15W
DC Input Voltage		12 VDC			12, 24 or 48 VDC			
DC Input Regulation		10.5-15 VDC (×2 for 24 VDC; ×4 for 48 VDC)						
Output Voltage		100/ 110/ 120VAC +/- 3%; 220/ 230/ 240VAC +/- 5%						
Output Frequency		50/60Hz +/- 0.05%						
Output Waveform		True sine wave (THD<3%)						
Power Factor		0.8-1						
Efficiency	110V	88%	88%	90%	92%	92%	93%	92%
	230V	89%	89%	92%	93%	93%	93%	93%

Control & Signal indicates

Fault Indication	Red LED light and buzz alarm
Work Indication	Green LED light
Remote Control	CR10 or CR11(work with DBS battery isolator)
Battery type	AGM, Seal lead acid, Gel, Open lead acid, LiFeO4
Protection	Overload, Over / under input voltage, Over temperature, Short circuit,
Safety	AS/NZS 4763:2011, UL458, LVD(EN60950)

General parameter

Operating Temp	-5~40°C						
Working Humidity	20~90% RH						
Storage Temp	-30~70°C						
Cooling	Automatic temp-control fans						
Weight (kg)	0.5	1	1.5	2.9	3.2	4.3	5.5
Size (mm)	120*96.5*55	157*200*79	150*237*79	170*265*96	170*351*96	242*463*118	242*463*118