

DPI SERIES

MODIFIED SINE WAVE INVERTER



DPI is the modified sine wave inverter. Modified sine wave inverter has the natural advantage to boost the complex loads. Its start power is larger than pure sine wave inverters. Modified sine wave inverter is the delightful option of outdoor power supply and emergency use. With the solar power, this inverter will provide a affordable power supply.



Mobilehouse Solar



Off Grid Solar

- Battery voltage - 12/24V available
- PERFORM - Modified Sine Wave
- Topology - High frequency

GPI SERIES MAIN FEATURES

HEAVY DUTY DESIGN

DPI inverter is designed for household appliances with high start power which makes sure the complex loads can be started, such like microwave, air compressor or vacuum.

HIGH SAFETY

Advanced polarity reverse protection with Over voltage, Low voltage, Overload, Short circuit, Over heat, Built-in cooling fan; Led light indicates working status.

WORK WITH

Power Tools, Televisions
Gaming Consoles, Air Compressor
Vacuum, Microwave
Refridgerator, freezer
Laptop, PC
And more...



CMPD SERIES

MPPT SOLAR CHARGER CONTROLLER

MPPT technology is the best option currently for the solar power transfer from PV modules to your batteries. Especially in the cloudy day, this smart solar charger will regulate the output voltage and charge current to optimize the charge power at its top level.



Mobilehouse Solar



Off Grid Solar

- Battery voltage - 12/24/48V available
- Perform - >98% efficiency
- Charge Method: MPPT
- BTS included

Display & Communication

With the LCD display, users are able to read all the parameters when it works. RS485 communication is available for offer communication protocol to convenient user's integrated management and secondary development.

80A Charge Current available

COSUPER CMP80-DL has MAX. 80A DC charge current even in cloudy day. This is specifically designed for mass battery pack to get a rapid charge with better efficiency.

Battery Type

This MPPT units provides the availability of set the charge voltage by users. Therefore no matter AGM, Gel, Open Lead acid are all workable with this MPPT solar chargers.

MODELS	DPI150	DPI350	DPI700	DPI1000	DPI2000	DPI3000
INVERTER SPECIFICATIONS						
Continuous power	150 watts	350 watts	700 watts	1000 watts	2000 watts	3000 watts
Surge power	300 watts	700 watts	1400 watts	2000 watts	4000 watts	6000 watts
AC output voltage	120 VAC +/- 5%; 230VAC +/- 3%					
AC output frequency	50/ 60Hz +/- 0.5%					
AC output waveform	Modified sine wave					
Rated DC voltage	12/ 24 VDC	12/ 24 VDC	12/ 24 VDC	12/ 24 VDC	12/ 24 VDC	12/ 24 VDC
Input DC range	10.5 - 15 VDC (x2 for 24V ver.)					
Max. efficiency	89%	92%	93%	93%	93%	93%
Idle power	3W	3W	9W	9.5W	12W	15W
Output phase	Single	Single	Single	Single	Single	Single
ENVIRONMENT SPECIFICATIONS						
Operating temperature	-20°C to +50°C					
GENERAL INFORMATION						
Dimension(LxWxH) (CM)	8.7x6.5x4.0	16.5x10.4x6.5	21.0x10.4x6.5	25.9x10.0x7.0	35.0x20.0x7.1	40.6x20.3x7.1
Weight	0.3 kg	0.6 kg	1.6 kg	1.8 kg	4.2kg	5.0 kg
Warranty	18 months					
Remote	/					
Battery type	AGM, GEL or Customized					

MODELS	CMP40-DL	CMP50-DL	CMP60-DL	CMP80-DL
SPECIFICATION				
System Voltage	12V, 24V or 48V Auto work			
MAX. PV input Volt	150VDC			
MAX. PV input power	12V -- 520 watts	12V -- 650 watts	12V -- 780 watts	12V -- 1040 watts
	24V -- 1040 watts	24V -- 1300 watts	24V -- 1560 watts	24V -- 2080 watts
	48V -- 2080 watt	48V -- 2600 watt	48V -- 3120 watt	48V -- 4160 watt
MAX. Charge Current	40A	50A	60A	80A
Charge Method	Three stage charge			
Low PV Voltage Protection	Battery voltage+3V			
Over PV Voltage Protection	150VDC	150VDC	150VDC	150VDC
DC Load Voltage	Same with battery voltage			
MAX. DC Load Current	40Amp	60Amp	60Amp	
ENVIRONMENT				
Operating / Storage Temperature	-20°C to +50°C / - 40°C to +70°C			
GENERAL INFORMATION				
Communication	RJ45 / RS485 / PC monitor			
Weight	2.3 Kg	2.5 Kg	2.8 Kg	7.5 Kg
Warranty	18 months			
IP Level	IP21	IP21	IP21	IP43
Cooling	Cooling Fan			
Dimension(LxWxH)	24.0x 16.8x 6.6 cm	27.0x 18.0x 8.5 cm	27.0x 18.0x 8.5 cm	42.0x 28x 9.5 cm
Battery Type	Li FePO4 , AGM , GEL or Customized			