



Single Phase Solar GTI

4.4 KW/4.6 KW/5 KW/5.3 KW/6 KW



Big LCD display



Power export limit



Compact and easy to install



Wifi/GPRS/Lan communication optional

ANYTIME, ANYWHERE

**REMOTE MONITORING
PLATFORM**



Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform.

SOLAR GRID TIED INVERTER

Technology Data

**CP INVERTER EXPERT
DESIGN FOR INDIA**

Model No.	CP4400L	CP4600L	CP5000L	CP5300L	CP6000L
DC Side / Input Parameters					
Max DC Power (W)	5500	5750	6250	6625	7500
Max Allowable DC Voltage (Vdc)/Max DC Voltage (Vdc)	415/550	415/550	470/550	550/550	550/550
Min System Start/Shut Down Voltage (Vdc)	75/100	75/100	75/100	75/100	75/100
Max. Input Current (A)	22	22	22	22	22
Number Of MPP Trackers/Total Nos. Of Strings	1/1	1/1	1/1	1/1	1/1
Input Terminal Type	MC4				
AC Side / Output Parameters					
Rated Output Power (W)	4400	4600	5000	5300	6000
Maximum Output Power (VA)	4400	4600	5000	5300	6000
Nominal Output Voltage/Range (V)	L/N/PE,240/180~310Vac				
AC Grid Frequency/Range (Hz)	50Hz / 45Hz-55Hz				
Maximum Output Current (A)	18.3	19.1	20.8	22	25
AC Connection (With PE)	Single Phase				
Current Distortion(THDi)	<1.5%	<1.5%	<1.5%	<1.5%	<1.5%
Power Factor	~0.99%(Adjustable from 0.8 leading to 0.8 lagging)				
Efficiency					
Maximum Conversion Efficiency	97.8%	97.8%	97.5%	97.5%	97.6%
European Efficiency	97.3%	97.3%	97.2%	97.2%	97.3%
MPPT Efficiency	99.9%	99.9%	99.9%	99.9%	99.9%
Safety and Protection					
DC Reverse-Polarity Protection	Yes				
Anti-Islanding / Overvoltage Protection	Yes				
Short Circuit Protection	Yes				
Leakage Current Protection	Yes				
Grid Monitoring / Ground Fault Monitoring	Yes				
DC/AC Side SPD(Thermally Protected)	Yes				
General Parameters					
Dimension (L/W/H)(Mm)	340/270/127				
Weight (Kg)	8 kg				
Embedded DC Switch	Optional				
Night Power Consumption (W)	< 0.2				
Isolation Type	Transformerless				
Protection Degree	IP65 according to IEC60529				
Operation Temperature (°C)	-25 ~ +60				
Cooling Concept	Natural Convection + Fan Cooling (12000 RPM)				
Operating Altitude (M)	<2000m without power derating				
Acoustic Noise Level (DB)	35 db				
Display	Graphic LCD				
Communication Interface	Standard WIFI; RS485 (optional)				
Warranty	10 Years ; 25 Years For Optional				

