



## Single Phase Solar GTI

2.3 KW/3 KW/3.4 KW/4 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.	CP2300L	CP3000L	CP3400L	CP4000L
<b>DC Side / Input Parameters</b>				
Max DC power (W)	2875	3750	4250	5000
Max Allowable DC voltage (Vdc)/Max DC voltage (Vdc)	210/500	255/500	315/500	365/500
Min System start/Shut down voltage (Vdc)	75/100	75/100	75/100	75/100
Max. input current (A)	18	18	18	18
Number of MPP trackers/Total Nos. of Strings	1/1	1/1	1/1	1/1
Input Terminal type	MC4			
<b>AC Side / Output Parameters</b>				
Rated Output Power (W)	2300	3000	3400	4000
Maximum Output Power (VA)	2300	3000	3400	4000
Nominal Output Voltage/Range (V)	L/N/PE,240/180-310Vac			
AC Grid Frequency/Range (Hz)	50Hz / 45Hz-55Hz			
Maximum Output Current (A)	9.5	12.5	14.2	16.8
AC Connection (With PE)	Single Phase			
Current Distortion(THDi)	<1.5%	<1.5%	<1.5%	<1.5%
Power Factor	>0.99(Adjustable from 0.8 leading to 0.8 lagging)			
<b>Efficiency</b>				
Maximum Conversion Efficiency	97.3%	97.3%	97.4%	97.8%
European Efficiency	97.0%	97.1%	97.2%	97.3%
MPPT Efficiency	99.9%	99.9%	99.9%	99.9%
<b>Safety and Protection</b>				
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			
<b>General Parameters</b>				
Dimension (L/W/H)(Mm)	340/270/127			
Weight (Kg)	7 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			

