



Three Phase Solar GTI

4 KW/5 KW/6 KW/8 KW/10 KW/12 KW/15 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

CP INVERTER EXPORT

Technology Data

Model No.	CP04HL	CP05HL	CP06HL	CP08HL	CP10HL	CP12HL	CP15HL	
DC Side / Input Parameters	Max DC power (W)	6000	7500	9000	12000	13000	15000	20000
	Rated Input voltage (Vdc)/ Max DC voltage (Vdc)	1000Vd.c.						
	Min System start/Shut down voltage (Vdc)	160Vd.c.						
	MPPT voltage range(Vdc)	160...850Vd.c.						
	Max. input current (A)	25A/25A						
AC Side / Output Parameters	Number of MPP trackers/Total Nos. of Strings	2/1	2/1	2/1	2/1	2/1	2/2	2/3
	Input Terminal type	MC4						
	Rated output power (W)	4000	5000	6000	8000	10000	12000	15000
	Maximum output power (VA)	5000	6000	7000	8800	11000	14500	16500
	Nominal output voltage/range (V)	50/60 Hz; 400 Vac						
	AC grid frequency/range (Hz)	45/55 Hz ; 280 ~ 490 Vac (Adj)						
	Maximum output current (A)	8	10	12	15	17	20	23
	AC connection (with PE)	Three Phase						
	Current distortion(THDi)	<1.5%	<1.5%	<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	98.0%	98.2%	98.2%	98.3%	98.4%	98.4%	98.5%
	European efficiency	97.5%	97.7%	97.7%	97.8%	97.9%	97.9%	98.0%
	MPPT efficiency	99.9%	99.9%	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)	480/476/157						
	Weight (kg)	23.65 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)	< 25						
Display	Graphic LCD							
Communication Interface	Standard WIFI; RS485 (optional)							
Warranty	10 years ; 25 years for optional							

