

CP INVERTER EXPERT

 **CATHODE
POWER** | SPREADING
GOODNESS
WITH TRUST



Three Phase Solar GTI

18 KW/20 KW/25 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.

Technology Data

Model No.	CP18HL	CP20HL	CP25HL		
DC Side / Input Parameters	Max DC power (W)	25000	27000	30000	
	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)	26A/20A	26A/26A	36A/26A	
AC Side / Output Parameters	Number of MPP trackers/Total Nos. of Strings	2/4	2/4	2/4	
	Input Terminal type		MC4		
	Rated output power (W)	18000	20000	25000	
	Maximum output power (VA)	19800	22000	27500	
	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)	27.6	30	36	
	AC connection (with PE)		Three Phase		
	Current distortion(THDi)	<1.5%	<1.5%	<1.5%	
	Power factor		>0.99(Adjustable from 0.8 leading to 0.8 lagging)		
	Efficiency	Maximum conversion efficiency	98.4%	98.4%	98.5%
		European efficiency	97.9%	97.9%	98.0%
		MPPT efficiency	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		
	Dimension (L/W/H)(mm)		520/510/155		
Weight (kg)		23.65 kg			
Embedded DC Switch		Optional			
Night power consumption (W)		< 0.2			
General Parameters	Isolation type		Transformerless		
	Protection degree		IP65 according to IEC60529		
	Operation temperature (°C)		-25 ~ +60		
	Cooling concept		Natural convection + Fan Cooling		
	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		

