







## P17K-20K-25K-P3HA Three Phase High Voltage On-Grid Solar Inverter



### Main Features

-  Big LCD display.
-  Compact and easy to install.
-  Power export limit.
-  Wi-Fi / GPRS / LAN Communication (optional).

Technical Parameters / Model	P17K-P3HA	P20K-P3HA	P25K-P3HA
<b>Input (DC)</b>			
Max DC power (W)	25500W	30000W	30000W
Max DC voltage (Vdc)		1000Vd.c.	
Min working voltage (Vdc)		250Vd.c.	
MPPT voltage range (Vdc)		200..850Vd.c	
Max input current / per string (A)	26A/26A		36A/26A
Max.input short circuit MPPT	34A/34A		46A/34A
Number of MPP trackers		2	
Strings per MPP tracker		2	
<b>Output (AC)</b>			
AC nominal power (W)	17000	20000	25000
Max AC apparent power (VA)	18700	22000	27500
Max output current (A)	25	30	36
Nominal AC output		50/60 Hz;400 Vac	
AC output range		45/55 Hz;280~490 Vac (Adj)	
Power factor		0.8leading...0.8lagging	
Harmonics		<1.5%	
Grid type		3 W/N/PE	
<b>Efficiency</b>			
Max efficiency	98.5%	98.5%	98.5%
Euro efficiency	98.1%	98.1%	98.2%
MPPT efficiency	99.9%	99.9%	99.9%
<b>Safety and Protection</b>			
DC reverse-polarity protection		yes	
DC breaker		yes	
DC/AC SPD		yes	
Leakage current protection		yes	
Insulation Impedance Detection		yes	
Residual Current protection		yes	
<b>General Parameters</b>			
Dimension (W*H*D mm)		520*510*160 mm	
Weight (kg)		23	
Operating temperature range °C		-25~+60	
Degree of protection		IP65	
Cooling concept		Smart Cooling	
Topology		Transformerless	
Display		LCD	
Humidity		0-95%, no condensation	
Communication		RS485/WIFI/GPRS	
Warranty		Standard 5 years; 7/10 years optional	
Certificates and Approvals		CQC, VDE-AR-N4105,VDE0126-1-1,AS4777,IEC61727,IEC62116	