



ON-Grid Inverter-3phase

ARM6/10/12/15/17K3P

**Max.
1.5**

Max. 1.5 Times PV Oversize
Capacity



Wi-Fi Standard
Ethernet/GPRS Optional



Multiple Intelligent Protection



Quick & Easy Config. via Wi-Fi

Technical Specification

	ARM6K3P	ARM8K3P	ARM10K3P	ARM12K3P	ARM15K3P	ARM17K3P
PV INPUT						
Max. DC Input Power [W]	9000	12000	15000	18000	22500	25500
Max. DC Input Voltage [V]	1100					
Max. DC Input Current [A]	18/18				18/30	
Max. Short Circuit Current [A]	23/23				23/37.5	
MPPT Voltage Range [V]	180-1000					
Rated DC Input Voltage [V]	650					
Number of MPP trackers	2					
Strings Per MPP Tracker	1				1/2	
AC OUTPUT						
Rated Output Power [W]	6000	8000	10000	12000	15000	17000
Max. Output Power [V]	6600	8800	11000	13200	16500	18700
Max. Output Current [A]	10	13.3	16.7	20	24	28.3
Rated Grid Voltage [V]	400					
Grid Voltage Range [V]	310-480 (adjustable)					
Rated Grid Frequency [Hz]	50/60					
Grid Frequency Range [Hz]	45-55/55-65					
THDi	<2% (Under the rated power)					
Power Factor	>0.99 (Under the rated power) /Adjustable range: 0.8 leading-0.8 lagging					
DC Current Injection	<0.5% (Under the rated power)					
EFFICIENCY						
Max. Efficiency	98.5%	98.5%	98.6%		98.7%	
Euro. Efficiency	97.9%	98%	98.2%	98.1%	98.2%	98.2%
PROTECTION						
DC Reverse-Polarity Protection				Yes		
Short Circuit Protection				Yes		
Output Over Current Protection				Yes		
Output Over Voltage Protection				Yes		
Insulation Resistance Monitoring				Yes		
Residual Current Detection				Yes		
Surge Protection				Yes		
Grid Monitoring				Yes		
Islanding Protection				Yes		
Temperature Protection				Yes		
Integrated DC Switch				Yes		
OTHERS						
Operating Temperature Range [°C]	-25~+60					
Humidity Range	0-100% non-condensing					
Operating Altitude [m]	< 4000					
Ingress Protection	IP66					
Power Consumption At Night [W]	< 1					
Display	LED/LCD/(optional)					
Communication Interface	Wifi/RS485/GPRS(optional)					
Cooling Method	Intelligent forced air cooling					
Dimensions (WxHxD) [mm]	427*439*212					
Weight [Kg]	18					
Loading Data [pc]	384\40HQ 140\20GP					
Warranty	5 years					
STANDARD						

EN/IEC 62109-1/2, EN/IEC 61000, EN50549,IEC61727/62116/61683