



ON-Grid Inverter-3phase

ARM20/23/25/28K3P

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

	ARM20K3P	ARM23K3P	ARM25K3P	ARM28K3P
PV INPUT				
Max. DC Input Power [W]	30000	34500	37500	42000
Max. DC Input Voltage [V]			1100	
Max. DC Input Current [A]	30/30		36/30	36/36
Max. Short Circuit Current [A]	37.5/37.5		45/37.5	45/45
MPPT Voltage Range [V]			180-1000	
Rated DC Input Voltage [V]			650	
Number of MPP trackers			2	
Strings Per MPP Tracker			2	
AC OUTPUT				
Rated Output Power [W]	20000	23000	25000	28000
Max. Output Power [V]	22000	25300	27500	30800
Max. Output Current [A]	32	36.5	41	45
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	98.7%		98.8%	
Euro. Efficiency			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 indicator /LCD displayer (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