



JO-7-10K-M2

Single Phase On-Grid Solar Inverter

7kW / 8kW / 9kW / 10kW



Transformer-less, smaller and lighter



RTC chip data storage of 25 years



One-button safety setting



AC and DC surge protection



Smart energy management



Key components from world-class brands

JO-7-10K-M2 Single Phase On-Grid Solar Inverter

Technical Data	JO-7K-M2	JO-8K-M2	JO-9K-M2	JO-10K-M2
Input (PV)				
Max. Input Power:	9.1 kW	10.4 kW	11.7 kW	13 kW
Max. Input Voltage:	550 V			
Voltage Range:	80~540 V			
Number of MPPT / Strings per MPPT:	3 / 1+1+1			
Max. Current per MPPT:	14 A / 14 A / 14 A			
Max. Short Circuit Current per MPPT:	18 A / 18 A / 18 A			
Output (AC)				
Rated Output Power:	7 kW	8 kW	9 kW	10 kW
Max. Output Power:	7.7 kW	8.8 kW	9.9 kW	10 kW
Rated Output Current:	30.5 A	35 A	39.2 A	43.5 A
Max. Output Current:	34 A	38.5 A	43 A	44 A
Rated Output Voltage:	220/230 V / $\pm 20\%$			
Rated Frequency:	50/60 Hz / $\pm 5\text{Hz}$			
Power Factor:	-0.8~+0.8 (adjustable)			
THDi:	<3% (Nominal Output)			
Grid System Pattern:	L+N+PE			
Max. DC Efficiency:	98.4%			
European Efficiency:	97.5%			
Protection:	Input DC switch, Input over current protection, DC reverse polarity protection, Output over voltage protection, Output over current protection, Anti islanding protection, Insulation impedance protection, RCD detection			
Display:	LCD			
Communication:	WIFI / 4G / GPRS / RS485 (Optional)			
Operation Temperature:	-25~60°C			
Cooling Method:	Natural Cooling	Smart Cooling		
Ingress Protection Rating:	IP65			
Noise Emission:	<25 dB		<45 dB	
Max. Operating Altitude:	4000 m			
Topology:	Transformerless			
Standby Power Consumption:	<1 W			
Certifications:	IEC62109-1, IEC62109-2, NB/T32004, VDE-AR-N4105, EN50549, AS 4777			
Warranty:	5 Years			
Dimensions (WxHxD):	358x400x180 mm			
Weight:	16.3 kg			