



JO-3.6-6K-M2

Single Phase On-Grid Solar Inverter

3.6kW / 4kW / 4.6kW / 5kW / 6kW



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-3.6-6K-M2 Single Phase On-Grid Solar Inverter

Technical Data	JO-3.6K-M2	JO-4K-M2	JO-4.6K-M2	JO-5K-M2	JO-6K-M2
Input (PV)					
Max. Input Power:	4.7 kW	5.5 kW	6 kW	6.5 kW	7.8 kW
Max. Input Voltage:	550 V				
Voltage Range:	80~540 V				
Number of MPPT / Strings per MPPT:	2 / 1+1				
Max. Current per MPPT:	14 A / 14 A				
Max.Short Circuit Current per MPPT:	18 A / 18 A				
Output (AC)					
Rated Output Power:	3.6 kW	4 kW	4.6 kW	5 kW	6 kW
Max. Output Power:	4 kW	4.4 kW	5 kW	5.5 kW	6.6 kW
Rated Output Current:	15.7 A	18 A	20 A	21.8 A	26.1 A
Max. Output Current:	17.3 A	20 A	22 A	24 A	29 A
Rated Output Voltage:	220 V, 230 V / $\pm 20\%$				
Rated Frequency:	50 Hz, 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:	98,2%				
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				
Ingress Protection Rating:	IP65				
Noise Emission:	<25 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):	330x312x188 mm				
Weight:	11,4 kg				