



**JO-4-12K-T2**

# Three Phase On-Grid Solar Inverter

4kW / 5kW / 6kW / 8kW / 10kW / 12kW



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-4-12K-T2 Three Phase On-Grid Solar Inverter

Technical Data	JO-4K-T2	JO-5K-T2	JO-6K-T2	JO-8K-T2	JO-10K-T2	JO-12K-T2
<b>Input (PV)</b>						
Max. Input Power:	5.2 kW	6.5 kW	7.8 kW	10.4 kW	13 kW	15.6 kW
Max. Input Voltage:	1100 V					
Voltage Range:	200~1000 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					
<b>Output (AC)</b>						
Rated Output Power:	4 kW	5 kW	6 kW	8 kW	10 kW	12 kW
Max. Output Power:	4.4 kW	5.5 kW	6.6 kW	8.8 kW	11 kW	13.2 kW
Rated Output Current:	5.7 A	7.2 A	8.7 A	11.6 A	14.5 A	17.5 A
Max. Output Current:	6.5 A	8 A	10 A	13 A	16 A	19 A
Rated Output Voltage:	380/400 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:	3W+N+PE					
Max. DC Efficiency:	98,2%					
European Efficiency:	98%					
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, AC surge protection, DC surge protection					
Display:	LCD					
Communication:	WIFI / 4G / GPRS / RS485 (Optional)					
Operation Temperature:	-25~60°C					
Cooling Method:	Natural Cooling					
Ingress Protection Rating:	IP65					
Noise Emission:	<30 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):	403x360x192 mm					
Weight:	15 kg					