

JO-33~60K-T2

Three Phase On-Grid Solar Inverter

33kW / 36kW / 40kW / 45kW / 50kW / 60kW



Transformer-less, smaller and lighter



One-button safety setting



Smart energy management



RTC chip data storage of 25 years



AC and DC surge protection



Key components from world-class brands

JO-33~60K-T2 Three Phase On-Grid Solar Inverter

Technical Data

JO-33K-T2 JO-36K-T2 JO-40K-T2 JO-45K-T3 JO-50K-T3 JO-60K-T3

Input (PV)

Max. Input Power:	43 kW	47 kW	52 kW	60 kW	65 kW	78 kW
Max. Input Voltage:	1100 V					
Voltage Range:	200~1000 V					
Number of MPPT / Strings per MPPT:	2 / 3		2 / 4	3 / 3		3 / 4
Max. Current per MPPT:	45 A x2		52 A x2	45 A x3		52 A x3
Max. Short Circuit Current per MPPT:	54 A x2		72 A x2	54 A x3		72 A x3

Output (AC)

Rated Output Power:	33 kW	36 kW	40 kW	45 kW	50 kW	60 kW
Max. Output Power:	36 kW	40 kW	44 kW	50 kW	54 kW	66 kW
Rated Output Current:	48 A	52 A	58 A	65 A	72 A	87 A
Max. Output Current:	52 A	58 A	64 A	72 A	80 A	95 A
Rated Output Voltage:	380/400 V (±20%)					
Rated Frequency:	50/60 Hz (±5Hz)					
Power Factor:	-0.8~+0.8 (adjustable)					
THDi:	<3% (Nominal Output)					
Grid system pattern:	3W+N+PE					

Max. DC Efficiency:	98.5%					
European Efficiency:	98.2%					
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:	Smart Cooling					
Ingress Protection Rating:	IP65					
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):	433x498x287 mm					
Weight:	35 kg			38 kg		