



JO-33-60K-T2

Three Phase On-Grid Solar Inverter

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



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

Technical Data

JO-33K-T2 JO-36K-T2 JO-40K-T2 JO-45K-T2 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 ($\pm 20\%$)					
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:	98.5%
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