

JALpower Solar Grid-connected Inverter

JSI-G10K3



General Descriptions:

JSI-G10K3 is using low-frequency isolation transformer for protection purpose for outdoor applications. It is the ideal product used for string-connected medium PV power station to simply PV power plant design.

Technical Features:

- Using the fifth generation of Mitsubishi IPM module increases system efficiency dramatically
- MPPT self-optimizing technology maximizes the system power generating capacity
- Multi-lingual LCD display feature enables free-setting functions
- Multiple communication interfaces provide easy and convenient workstation online monitoring features
- complete protection features ensures greater reliability of the system
- Wide DC input voltage range
- User-friendly interface enables setting various operating parameters by pressing a button
- Multiple inverters can be connected in parallel to simplify power plant design
- CE Certification

Communications:

- RS485/Ethernet/GPRS interfaces
- Computer monitoring software

Safety:

- Full protection functions: over-voltage protection, short-circuit protection, islanding protection, over-heat protection
- Over-load protection

Standards complied: EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-3-2, EN61000-3-3, EN60164-1-1, EN55022, EN50178

Technical Specifications

MODEL	JSI-G10K3
DC Input	
Max. DC Voltage	450Vdc
MTTP Range	220~380Vdc
Max. DC Power	11kWp
Max. Input Current	50A
AC Output	
Output Power	10kW
Operating Voltage	310~450Vac
Operating Frequency	50Hz/60Hz
Current THD	< 3%(at nominal power)
Power Factor	~1(at nominal power)
System	
Max. Efficiency	94.5%
Euro Efficiency	93.5%
Protection Degree	IP20 (indoor)
Operating Temp.	-10~+40°C
Ventilation Method	fan cooling
Humidity	0~95%, non-condensing
Acoustic Noise Level	<60dBA
Comm. Interfaces	standard: RS485
	optional: ethernet/GPRS
Display	LCD
Mechanical Data	
W H D	530 900 460 (mm)
Weight	150kg