

Jebel 10KW Three phase On-grid with Wi-Fi JBL-ON-10K-3P



- LED display, touch button design, direct data view
- Maximum efficiency 98.2%, dual MPPT, more power generation
- Photovoltaic input up to 1100V
- 14A string current, suitable for high current high efficiency module applications
- 150% DC over configuration, 110% AC overload output
- Intelligent fan cooling
- Highly protective design of the shell, resistant to heat and corrosion, 25 years without rusting
- Intelligent remote monitoring
- Support anti-backflow function

Technical Data	JBL-ON-3K-3P	JBL-ON-4K-3P	JBL-ON-5K-3P	JBL-ON-6K-3P	JBL-ON-8K-3P	JBL-ON-10K-3P	JBL-ON-12K-3P
Input Data							
Max. PV access power	6kW	8kW	10kW	12kW	16kW	20kW	24kW
Max. PV input power	3.9kW	5.2kW	6.5kW	7.8kW	10.4kW	13kW	15.6kW
Max. PV input voltage	1100V						
Operation voltage range	200V-1000V						
Number of independent MPPT/strings per MPPT	2/1						
MPPT max. Current	20A/20A						
AC Output Data							
Rated output power	3kW	4kW	5kW	6kW	8kW	10kW	12kW
Max. output power	3.3kW	4.4kW	5.5kW	6.6kW	8.8kW	11kW	13.2kW
Rated output voltage	400V/320V-480V						
Rated output frequency	50Hz/60Hz						
Rated output current	4.3A	5.7A	7.2A	8.7A	11.6A	14.5A	17.5A
Max. output current	4.8	6.5A	8A	10A	13A	16A	19A
Power factor	A -0.8-+0.8(adjustable)						
THDi	<3%(Nominal Output)						
Grid system pattern	3W+N+PE						
Efficiency							
Max. efficiency	98.2%						
Europe efficiency	98%						
Protection							
Input DC switch	Yes						
Input overcurrent protection	Yes						
DC reverse polarity protection	Yes						
Output overvoltage protection	Yes						
Output overcurrent protection	Yes						
Anti-islanding protection	Yes						
AC surge protection	Yes						
DC surge protection	Yes						
Insulation impedance protection	Yes						
RCD detection	Yes						
General Data							
Dimensions(L/W/H) in mm	403/192/360						
Weight	15kg						
Noise	<30dB						
Operation temperature range	-25°C-+60°C						
Heat dissipation mode	Natural						
IP Class	IP65						
Maximum altitude	4000m						
Self-Consumption night	<1w						
Topology	Transformerless						
Features							
LCD display	Yes						
Communication interface	WIFI/4G/GPRS/RS485(optional)						
Warranty	5 years (standard)						
Standards	IS 16221, IEC 62109, IS 16169, IEC 62116, IEC 61683, IEC 61727, IEC 60068, IEC 61000, EN 50549, NB/T32004						