Jebel 5KW Three phase On-grid with Wi-Fi

JBL-ON-5K-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-5K-3P	JBL-ON-6K-3P	JBL-ON-8K-3P	JBL-ON-10K-3P	JBL-ON-12K-3P
Input Data					
Max. PV access power	10kW	12kW	16kW	20kW	24kW
Max. PV input power	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	5kW	6kW	8kW	10kW	12kW
Max. output power	5.5kW	6.6kW	8.8kW	11kW	13.2kW
Rated output voltage	400V/320V-480V				
Rated output frequency	50Hz/60Hz				
Rated output current	7.2A	8.7A	11.6A	14.5A	17.5A
Max. output current	8A	10A	13A	16A	19A
Power factor	-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 over current protection	Yes				
DC reverse polarity protection	Yes				
Output overvoltage protection	Yes				
Output overcurrent protection	Yes				
Anti islanding protection	Yes				
AC surgeprotection	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	-2℃5~+60℃				
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 6 1000, EN 50549, NB/T32004				

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