Jebel 10KW Single phase On-grid with Wi-Fi

JBL-ON-10K-1P

- LED display, touch button design, direct data view
- Maximum efficiency 97.6%,dual MPPT, more power generation
- With 3-MPPT, support for parallel connection for greater adaptability
- 130% DC over configuration,110% AC overload output; Wide DC voltage range
- IP65 protection,built-in SPD protection for safety and reliability
- Intelligent remote monitoring
- Support anti-backflow function

Technical Data	JBL-ON-7K-1P	JBL-ON-8K-1P	JBL-ON-9K-1P	JBL-ON-10K-1P
Input Data				
Max. PV access power	14kW	16kW	18kW	20kW
Max. PV input power	9.1kW	10.4kW	11.7kW	13kW
Max. PV input voltage	550V			
Operation voltage range	80V-540V			
Number of independent MPPT/ strings per MPPT	3/1			
MPPT max. current	20A/20A/20A			
AC Output Data				
Rated output power	7kW	8kW	9kW	10kW
Max. output power	7.7kW	8.8kW	9.9kW	10kW
Rated output voltage	230V/180V-280V			
Rated output frequency	50Hz/60Hz			
Rated output current	30.5A	35A	39.2A	43.5A
Max. output current	34A	38.5A	43A	44A
Power factor	-0.8~+0.8(adjustable)			
THDi	<3%(Nominal Output)			
Grid system pattern	L+N+PE			
Efficiency				
Max. efficiency	97.6%			
Europe efficiency	96.8%			
Protection				
Input DC switch	Yes			
Input over current protection	Yes			
DC reverse polarity protection	Yes			
Output over voltage protection	Yes			
Output over current protection	Yes			
Anti islanding protection	Yes			
Insulation impedance protection	Yes			
RCD detection	Yes			
General Data				
Dimensions (L/W/H) in mm	358/180/400			
Weight	16kg			
Noise	<25dB		<45dB	
Operation temperature range	25 ℃ + 60 ℃			
Heat dissipation mode	Natural		Smart cooling	
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	PORTARI A INMETRO Nº 140, DE 21 DE MARÇO, ABNT NBR 16150, IEC 62116, IEC 62109, IEC 62891, CISPR 11, AMD, IEC 61000, IEC 62920			

+971 4 422 56 53 sales@jebel.ae www.jebel.ae