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

JBL-ON-5K-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
- IP66 protection,built-in SPD protection for safety and reliability
- Intelligent remote monitoring
- Support anti-backflow function

Technical Data	JBL-ON-3.6K-1P	JBL-ON-4K-1P	JBL-ON-4.6K-1P	JBL-ON-5K-1P	JBL-ON-6K-1P
Input Data					
Max. PV access power	7.2kW	8kW	9.2kW	10kW	12kW
Max. PV input power	4.7kW	5.5kW	6kW	6.5kW	7.8kW
Max. PV input voltage	500V				
Operation voltage range	70V-450V				
Number of independent MPPT/ strings per MPPT	1/1				
MPPT max. current	20A/20A				
AC Output Data					
Rated output power	3.6kW	4kW	4.6kW	5kW	6kW
Max. output power	3.9kW	4.4kW	5kW	5.5kW	6.6kW
Rated output voltage	40V-60V				
Rated output frequency	50Hz/60Hz				
Rated output current	15.7A	18A	20A	21.8A	26.1A
Max. output current	17.3A	20A	22A	24A	29A
Power factor	-0.8-+0.8(adjustable)				
THDi	<3% @ R Load				
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 Insulation	Yes				
impedance protection	Yes				
RCD detection	Yes				
General Data					
Dimensions (L/W/H) in mm	367/421/215				
Weight	11.5kg				
Noise	<25dB				
Operation temperature range Heat	-25 ℃ + 60 ℃				
dissipation mode	Smart Cooling				
IP Class	IP66				
Maximum altitude	4000m				
Self-Consumption night	<1w				
Topology	Transformerless				
Features					
LCD display	LED+LCD				
Communication interface	RS485/CAN (for BMS), RS485, CAN (for parallel), 1*DO, 1*DI, Wi-Fi, LAN (Optional)				
Warranty	5 years (standard)				
Standards	IEC/EN 62109-1/2 IEC/EN 61000-6-1/2/3/4, IEC/EN 62920				



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