



Jebel 6KW Single phase On-grid with Wi-Fi

JBL-ON-6K-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
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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						
Number of independent MPPT/ strings per MPPT						
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 °C + 60 °C				
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				



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