



Jebel 20KW Three phase On-grid with Wi-Fi

JBL-ON-20K-3P



- LED display, touch button design, direct data view
 - Maximum efficiency 97.6%, 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
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Technical Data	JBL-ON-15K-3P		JBL-ON-17K-3P		JBL-ON-20K-3P		JBL-ON-22K-3P	
Input Data								
Max. PV access power	30000W		40000W		34000W		44000W	
Max. PV input power	19500W		22000W		26000W		28600W	
Max. PV input voltage	1100V							
Operation voltage range	200V-1000V							
Number of independent MPPT/strings per MPPT	2/2+2		2/2+2		2/2+2		2/2+2	
MPPT max. Current	30A/30A							
AC Output Data								
Rated output power	15000W		17000W		20000W		22000W	
Max. output power	16500W		18700W		22000W		24000W	
Rated output voltage	400V/320V-480V							
Rated output frequency	50Hz/60Hz							
Rated output current	22A		25A		29A		32A	
Max. output current	24A		27A		32A		35A	
Power factor	-0.8~+0.8(adjustable)							
THDi	<3%(Nominal Output)							
Grid system pattern	3W+N+PE							
Efficiency								
Max. efficiency	98.5%							
Europe efficiency	98.2%							
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							
AC surge protection	Yes							
DC surge protection	Yes							
Insulation impedance protection	Yes							
RCD detection	Yes							
General Data								
Dimensions (L/ W/H) in mm	403/236/360							
Weight	18.5kg		20.5kg		22kg			
Noise	<30 dB							
Operation tem perature range	-25 °C~+60 °C							
Heat diss ipation mode	Smart cooling							
IP Class	IP 65							
Maximum altitude	4000m							
Self-Consumption night	< 1w							
Topology	Transformerless							
Features								
LCD display	Yes							
Communication interface	WIFI/GPRS/RS485(optional)							
Warranty	5 years (standard)							
Standards	IEC 61683, IEC 61727, IEC 62116, IEC 60068, EN 62109, IEC 61000, EN 50549, NB/T 32004							



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