



Jebel 25KW Three phase On-grid with Wi-Fi

JBL-ON-25K-3P



- LED display, touch button design, direct data view
 - Maximum efficiency 98.5%, 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-23K-3P	JBL-ON-25K-3P	JBL-ON-27K-3P	JBL-ON-30K-3P
Input Data				
Max. PV access power	46kW	50kW	54kW	60kW
Max. PV input power	29.9kW	32.5kW	35kW	39kW
Max. PV input voltage	1100V			
Operation voltage range	200V-1000V			
Number of independent MPPT/strings per MPPT	2/2+2	2/2+2	2/3+2	2/3+2
MPPT max. Current	30A/30A			42A/30A
AC Output Data				
Rated output power	23kW	25kW	27kW	30kW
Max. output power	25.3kW	27.5kW	29.7kW	33kW
Rated output voltage	400V/320V-480V			
Rated output frequency	50Hz/60Hz			
Rated output current	34A	36A	40A	43.5A
Max. output current	37A	40A	43A	48A
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	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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