

# Jebel 30KW Three phase On-grid with Wi-Fi JBL-ON-30K-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



Technical Data	JBL-ON-20K-3P	JBL-ON-22K-3P	JBL-ON-23K-3P	JBL-ON-25K-3P	JBL-ON-27K-3P	JBL-ON-30K-3P
<b>Input Data</b>						
Max. PV access power	40kW	44kW	46kW	50kW	54kW	60kW
Max. PV input power	26kW	28.6kW	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	2/2+2	2/2+2	2/3+2	2/3+2
MPPT max. Current	30A/30A					42A/30A
<b>AC Output Data</b>						
Rated output power	20kW	22kW	23kW	25kW	27kW	30kW
Max. output power	22kW	24kW	25.3kW	27.5kW	29.7kW	33kW
Rated output voltage	400V/320V-480V					
Rated output frequency	50Hz/60Hz					
Rated output current	29A	32A	34A	36A	40A	43.5A
Max. output current	32A	35A	37A	40A	43A	48A
Power factor	-0.8-+0.8(adjustable)					
THDi	<3%(Nominal Output)					
Grid system pattern	3W+N+PE					
<b>Efficiency</b>						
Max. efficiency	98.5%					
Europe efficiency	98.2%					
<b>Protection</b>						
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					
<b>General Data</b>						
Dimensions (L/ W/H) in mm	403/236/360					
Weight	20.5kg					22kg
Noise	<30 dB					
Operation temperature range	-25 °C-+60 °C					
Heat dissipation mode	Smart cooling					
IP Class	IP 65					
Maximum altitude	400 0m					
Self-Consumption night	< 1w					
Topology	Transformerless					
<b>Features</b>						
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					