# Jebel 15KW Three phase On-grid with Wi-Fi

JBL-ON-15K-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

| 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 ℃-+60 ℃ | | | |
| 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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