# Jebel 10KW Three phase On-grid with Wi-Fi

JBL-ON-10K-3P

- LED display, touch button design, direct data view
- Maximum efficiency 98.2%,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-5K-3P | JBL-ON-6K-3P | JBL-ON-8K-3P | JBL-ON-10K-3P | JBL-ON-12K-3P |
|---|---|---|---|---|---|
| **Input Data** | | | | | |
| Max. PV access power | 10kW | 12kW | 16kW | 20kW | 24kW |
| Max. PV input power | 6.5kW | 7.8kW | 10.4kW | 13kW | 15.6kW |
| Max. PV input voltage | 1100V | | | | |
| Operation voltage range | 200V-1000V | | | | |
| Number of independent MPPT/strings per MPPT | 2/1 | | | | |
| MPPT max. Current | 20A/20A | | | | |
| **AC Output Data** | | | | | |
| Rated output power | 5kW | 6kW | 8kW | 10kW | 12kW |
| Max. output power | 5.5kW | 6.6kW | 8.8kW | 11kW | 13.2kW |
| Rated output voltage | 400V/320V-480V | | | | |
| Rated output frequency | 50Hz/60Hz | | | | |
| Rated output current | 7.2A | 8.7A | 11.6A | 14.5A | 17.5A |
| Max. output current | 8A | 10A | 13A | 16A | 19A |
| Power factor | -0.8~+0.8(adjustable) | | | | |
| THDi | <3%(Nominal Output) | | | | |
| Grid system pattern | 3W+N+PE | | | | |
| **Efficiency** | | | | | |
| Max. efficiency | 98.2% | | | | |
| Europe efficiency | 98% | | | | |
| **Protection** | | | | | |
| Input DC switch | Yes | | | | |
| Input over current protection | Yes | | | | |
| DC reverse polarity protection | Yes | | | | |
| Output overvoltage protection | Yes | | | | |
| Output overcurrent protection | Yes | | | | |
| Anti islanding protection | Yes | | | | |
| AC surgeprotection | Yes | | | | |
| DC surge protection | Yes | | | | |
| Insulation impedance protection | Yes | | | | |
| RCD detection | Yes | | | | |
| **General Data** | | | | | |
| Dimensions(L/W/H) in mm | 403/192/360 | | | | |
| Weight | 15kg | | | | |
| Noise | <30dB | | | | |
| Operation temperature range | -2℃5~+60℃ | | | | |
| Heat dissipation mode | Natural | | | | |
| IP Class | IP65 | | | | |
| Maximum altitude | 4000m | | | | |
| Self-Consumption night | <1w | | | | |
| Topology | Transformerless | | | | |
| **Features** | | | | | |
| LCD display | Yes | | | | |
| Communication interface | WIFI/4G/GPRS/RS485(optional) | | | | |
| Warranty | 5 years (standard) | | | | |
| Standards | IS 16221, IEC 62109, IS 16169, IEC 62116, IEC 61683, IEC 61727, IEC 60068, IEC 6 1000, EN 50549, NB/T32004 | | | | |

+971 4 422 56 53 sales@jebel.ae www.jebel.ae