



JH-15-20K-TH

Three Phase Hybrid Solar Inverter

15kW / 20kW



7-mode switch on back-up port



Lighter and one-piece molding



Smart energy management



Multilanguage display



Combinable with on-grid inverter



Low noise natural cooling

JH-15-20K-TH Three Phase Hybrid Solar Inverter

| Technical Data | JH-15K-TH | JH-20K-TH |
|--|--|-----------|
| Input (PV) | | |
| Max. Input Power: | 23 kW | 30 kW |
| Max. Input Voltage: | 1100 V | |
| Rated Voltage: | 600 V | |
| Starting Voltage / Min. Operating Voltage: | 200 V / 180 V | |
| MPPT Voltage Range: | 180~1000 V | |
| Number of MPPT / Strings per MPPT: | 2 / 2 | |
| Max. Current per MPPT: | 30 A | |
| Output (AC) | | |
| Rated Output Power: | 15 kW | 20 kW |
| Max. Output Power: | 16.5 kVA | 22 kVA |
| Max. Output Current: | 24 A | 32 A |
| Rated Output Voltage: | 220/380V; 230/400V; 240/415V | |
| Rated Frequency: | 50/60 Hz ($\pm 5\text{Hz}$) | |
| Power Factor: | -0.8~+0.8 | |
| THDi: | <3% | |
| Grid System Pattern: | 3L+N+PE | |
| Output (Back-up) | | |
| Peak Output Apparent Power: | 16.5 kVA | 22 kVA |
| Rated Output Power: | 15 kVA | 20 kVA |
| Rated Output Voltage: | 220/380V; 230/400V; 240/415V | |
| Rated Frequency: | 50/60 Hz ($\pm 0.2\%$) | |
| Automatic Switch Time: | <20 ms | |
| THDv: | <3% | |
| Battery | | |
| Battery Type: | Lithium / Lead-acid | |
| Battery Voltage Range: | 150~600 V | |
| Charge/Discharge Current: | 50 A | |
| Max. DC Efficiency: | 98% | |
| European Efficiency: | 97.5% | |
| Battery Charge/Discharge Efficiency: | 98% | |
| Protection: | Insulation impedance, Anti-islanding, PV reverse polarity, RCD detection, Output over voltage, Output over current, Anti-reverse battery | |
| Display: | LCD | |
| Load Monitoring: | Meter / CT / Backup box | |
| Communication: | WiFi / GPRS | |
| Operation Temperature: | -25~60°C | |
| Cooling Method: | Smart Cooling | |
| Ingress Protection Rating: | IP65 | |
| Noise Emission: | <35 dB | |
| Max. Operating Altitude: | 3000 m | |
| Topology: | Transformerless | |
| Standby Power Consumption: | <3 W | |
| Certifications: | CE, G83/G59, VDE0126-1-1, AS4777, AS/NZS3100, CEI 0-21, VDE-AR-N4105 | |
| Warranty: | 5 Years | |
| Dimensions (WxHxD): | 400x440x260 mm | |
| Weight: | 25 kg | |