# RG-SOLAR-IVC-HB10K-P

## Solar Hybrid Inverter

RANGER

### Efficient

Dual MPPT with 99.9% efficiency and maximum 22A+22A current in a single circuit, perfectly adapted to high power modules.

### 4 Charging modes

4 charging modes are available: solar only, mains priority, solar priority, and mixed mains and PV charging.

### Safety

360° protection with complete short circuit protection, over current protection, over under voltage protection, overload protection, etc.

### Screen

LCD large screen dynamic flow diagram design, easy to understand the system data and operation status.

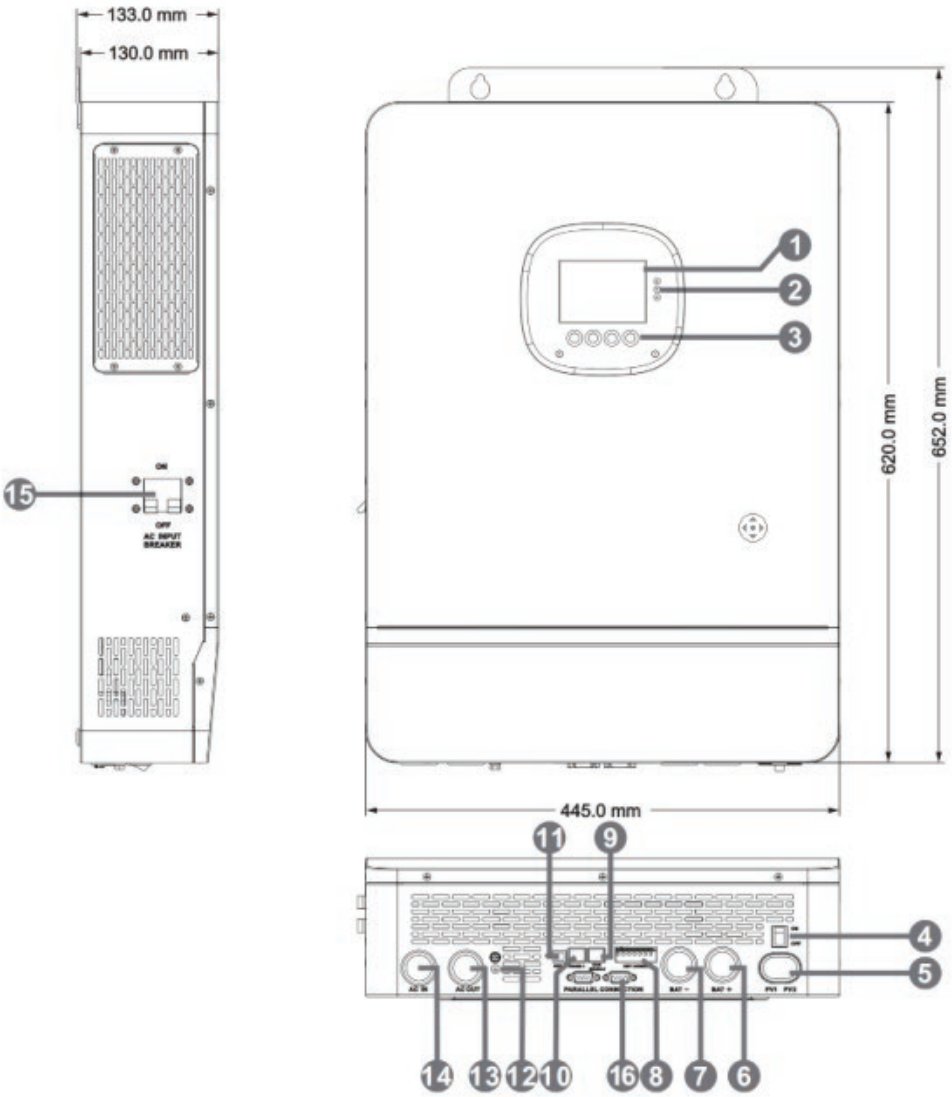
*All image and specification is subject to change without prior notice.

| Technical Data | RG-SOLAR-IVC-HB10K-P | Can Be set |
|---|---|---|
| **INVERTER OUTPUT** | | |
| Rated Output Power | 10,000W | |
| Max.Peak Power | 11,000W | |
| Rated Output Voltage | 380Vac, Three-phase | √ |
| Load Capacity of Motors | 6HP | |
| Rated AC Frequency | 50Hz/60Hz | √ |
| **BATTERY** | | |
| Battery Type | LI-Ion / Lead-Acid / User Defined | √ |
| Rated Battery Voltage | 48Vdc | |
| Max.MPPT Charging Current | 200A | √ |
| Max.Mains/Generator Charging Current | 120A | √ |
| Max.Hybrid Charging Current | 260A | √ |
| **PV INPUT** | | |
| Num. of MPPT Trackers | 2 | |
| Max.PV Array Power | 15,000W | |
| Max.Input Current | 22A+22A | |
| Max.Voltage of Open Circuit | 800Vdc | |
| MPPT Voltage Range | 200 ~ 650Vdc | |

| MAINS / GENERATOR INPUT | | |
|---|---|---|
| Input Voltage Range | 220 / 380Vac, 230 / 400Vac, 240 / 415Vac | ✓ |
| Frequency Range | 50/60Hz | |
| Bypass Overload Current | 63A | |
| **GENERAL** | | |
| Dimensions | 620 x 435 x 130mm | |
| Weight | 28kg | |
| Protection Degree | IP20, Indoor Only | |
| Operating Temperature Range | -15 ~ 55°C, >45°C derated | |
| Cooling Method | Internal Fan | |
| Noise | <60dB | |

## Dimension Drawings (mm)

*All specification is subject to change without prior notice.




### Ordering Info

| Model |
|---|
| RG-SOLAR-IVC-HB10K-P |