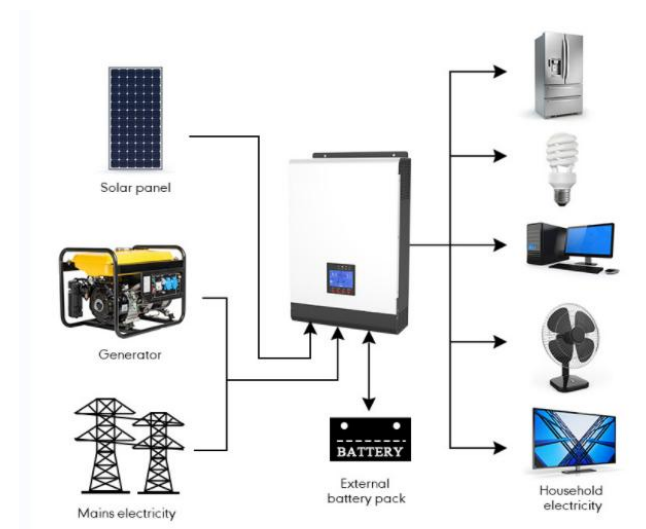
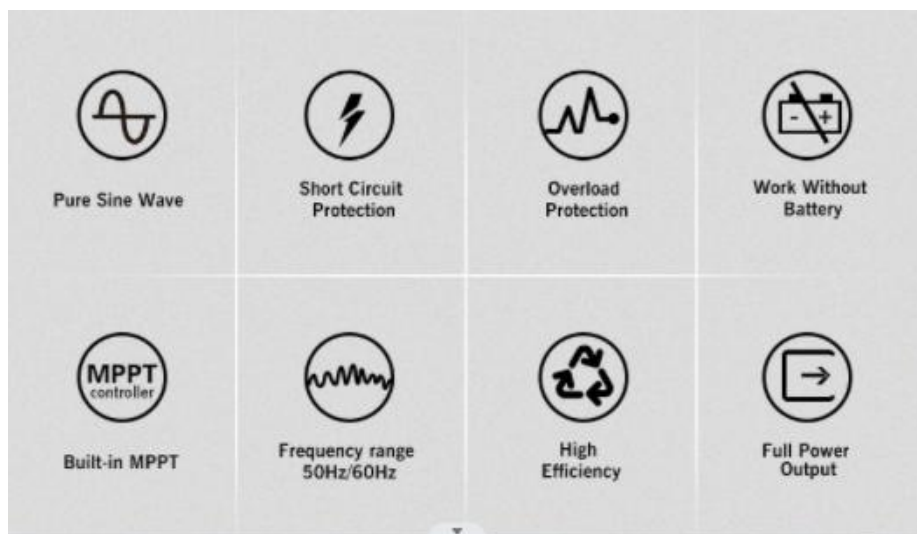


| Model No.                             | RHT-BAH-3KW   | RHT-BAH-5KW    |
|---------------------------------------|---|----------------|
| Rated Power                           | 3000VA / 3000W  | 5000VA / 5000W |
| <b>INPUT</b>                          |   |                |
| Voltage                               | 230VAC  |                |
| Selectable Voltage Range              | 170-280VAC(for personal computers) ; 90-280VAC(for home appliances) |                |
| Frequency Range                       | 50Hz/60Hz (Auto sensing)  |                |
| <b>OUTPUT</b>                         |   |                |
| AC Voltage Regulation (Batt.Mode)     | 230VAC±5%   |                |
| Surge power                           | 6000VA  | 10000VA        |
| Transfer Time                         | 10ms (for personal computers) 20ms (for home appliances)            |                |
| Wave Form                             | Pure Sine Wave  |                |
| <b>BATTERY &amp; AC CHARGER</b>       |   |                |
| Battery Voltage                       | 24VDC   | 48VDC          |
| Floating Charge Voltage               | 27VDC   | 54VDC          |
| Overcharge Protection                 | 33VDC   | 63VDC          |
| Maximum Charge Current                | 60A   |                |
| <b>SOLAR CHARGER</b>                  |   |                |
| MAX.PV Array Power                    | 1500 W  | 5000 W         |
| MPPT Range@ Operating Voltage         | 30-115 VDC  | 120~450 VDC    |
| Maximum PV Array Open Circuit Voltage | 145VDC  | 500 VDC        |
| Maximum Charging Current              | 120A  | 80A            |
| Maximum Efficiency                    | 93%   |                |
| <b>PHYSICAL</b>                       |   |                |
| Dimension.D*W*H(mm)                   | 100 x 300 x 440mm   |                |
| Net Weight (kgs)                      | 9kg   | 10kg           |
| Communication Interface               | USB/RS232   |                |
| <b>OPERATING ENVIRONMENT</b>          |   |                |
| Humidity                              | 5% to 95% Relative Humidity(Non-condensing)                         |                |
| Operating Temperature                 | -10°C to 55°C   |                |
| Storage Temperature                   | -15°C to 60°C   |                |

## KEY FEATURES

- ▶ Pure sine wave solar inverter
- ▶ Output power factor 1;
- ▶ Built-in 60A (3K models) and 80A (5K models) MPPT Solar charger;
- ▶ 5000W High PV DC input range;
- ▶ Built-in anti dust kit for harsh environment ;
- ▶ Battery independent design;
- ▶ comprehensive LCD display ;
- ▶ Cable to work without battery ;
- ▶ Overload and short circuit protection;
- ▶ Battery equalization feature designed to optimize battery and extend battery life



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