

## Outdoor Site



## Introduction:

Grid hybrid system implements intelligent alternate working mode of grid power and batteries, maximize the using of grid power to realize “Zero” D.G. running time or remove D.G. .

## Features:

- Leading GridMax technology, advanced lead-acid battery control technology
- Support the connection of solar power
- Integrated design, plug & play
- Remote energy management by NetEco (optional)

## Configuration

|                            |   |
|----------------------------|---|
| AC Input                   | 220VAC (85-300VAC) , 50/60Hz (45-66Hz) , 3-phase & 4-wire |
| DC Output                  | 53.5VDC (43.2-58VDC)                                      |
| Capacity of Rectifier      | Max. 50A x 6  |
| Cooling for Equipment      | Heat exchange   |
| Cooling for Battery        | DC aircon   |
| Battery Model and Capacity | FCB (Fast Charging Battery): 200/300/400/500/650Ah        |
| Power Distribution         | LLVD: 125A x 1, 63A x 2. BLVD: 32A x 2, 16A x 1           |
|                            | LLVD: 125A x 2, 63A x 2. BLVD: 32A x 4, 16A x 2, 10A x 1  |

## General Specifications

|             |                               |
|-------------|-------------------------------|
| Dimensions  | 770(W) x 1240(D) x 1825(H) mm |
| Weight      | 315kg (excluding battery)     |
| Spare Space | 12U                           |

## Operating Conditions

|                             |                              |                        |
|-----------------------------|------------------------------|------------------------|
| Design Lifespan             | 10 years (excluding battery) |                        |
| MTBF                        | 200, 000 hours               |                        |
| Operating Temperature       | -20℃ ~ 50℃                   |                        |
| Storage Temperature         | -40℃ ~ 70℃                   |                        |
| Operating Relative Humidity | 5% ~ 95%                     |                        |
| Altitude                    | 0 ~ 4000m                    |                        |
| Protection Level            | Equipment Cabin              | IP55 for heat exchange |
|                             | Battery Cabin                | IP55 for DC aircon     |

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