

Intelligent Power Mate

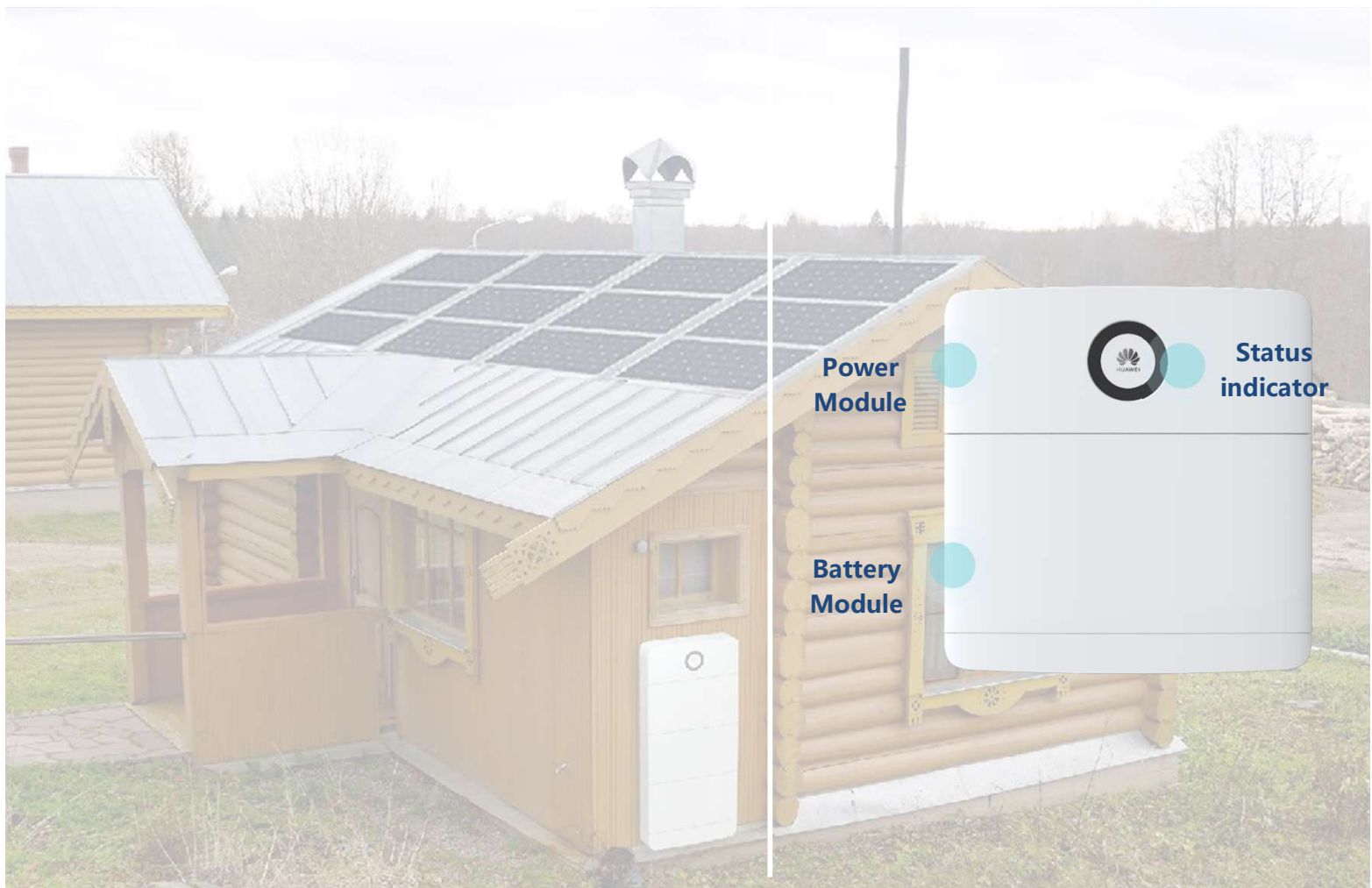
iSitePower-M



Introduction

iSitePower-M is a small-scale hybrid power solution. It integrates power supply, backup power, and management. It is widely used in off-grid and unreliable grid areas and provides reliable and stable backup power for residences, apartments, shops, and emergency scenarios.

iSitePower-M features a high-density design, small size, light weight, and IP65 protection level. It can be installed indoors, or on outdoors



Application

- Indoor & outdoor scenario, wall-mounted/floor-mounted
- Off-grid and unreliable grid areas, civil and commercial backup power
- Residences, apartments, shops, and emergency scenarios

Specifications

| | | |
|----------------------|--------------------------------|--|
| Basic Parameter | Dimensions (W x H x D) | 690mm x 1480mm x 165mm@15kWh |
| | Weight | <ul style="list-style-type: none"> • 16kg per power module, 50kg per battery module • 166kg@15kWh |
| | Installation Mode | Indoor, outdoor |
| | Protection Level | IP65 |
| AC Input | Input Voltage | Single-phase 90~300 VAC |
| | Input Current | Max: 30A |
| | Frequency | 50 Hz/60Hz |
| | Surge Protection | 3kVA/5kVA, 8/20μs |
| PV Input | Start-up Voltage | 100VDC |
| | Rated Input Voltage | 340V |
| | MPPT Voltage | 90~435V DC |
| | Max. Input Current | 2 x 15A |
| | Recommended PV Power | 5000Wp |
| | Numbers of PV Strings | 2 strings |
| | Number of MPPT Routes | 1 route |
| | Max. Input Current per Strings | 15A |
| | Surge Protection | 3kVA/5kVA, 8/20μs |
| AC Output (off-grid) | Output Voltage | Single-phase 200–230 VAC |
| | Max. Output Current | 25.8A |
| | Output Power | 6kVA, 5kW |
| | Power Factor | 0.8 |
| | THD Harmonics | ≤3% @ rated output |
| | Surge Protection | 3kVA/5kVA, 8/20μs |
| Battery Parameter | Voltage | 350-435VDC |
| | Rated Capacity | 5kWh per module |
| | Actual Capacity | 5KWh (100%DOD) per module |
| | Max. Capacity | Stand-alone scenario: support max.6 pcs batteries, 5kW@max.30kWh Parallel scenario: support max.3 power modules in parallel, each power module supports max. 3 pcs batteries, max.3*(5kw@max.15kWh) |
| | Max. Output Power | 2.5kW per module |
| | Cycle Life | 6000 cycles @ 25°C, 80%DOD |

Copyright © Huawei Technologies Co., Ltd. 2021. All rights reserved.

HUAWEI TECHNOLOGIES CO., LTD.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

Huawei Industrial Base

General Disclaimer

Bantian Longgang

The information in this document may contain predictive statements including, without limitation, statements regarding the future financial and operating results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purpose only and constitutes neither an offer nor an acceptance. Huawei may change the information at any time without notice.

Shenzhen 518129, P.R. China

Tel: +86-755-28780808

www.huawei.com