

Intelligent Power Mate

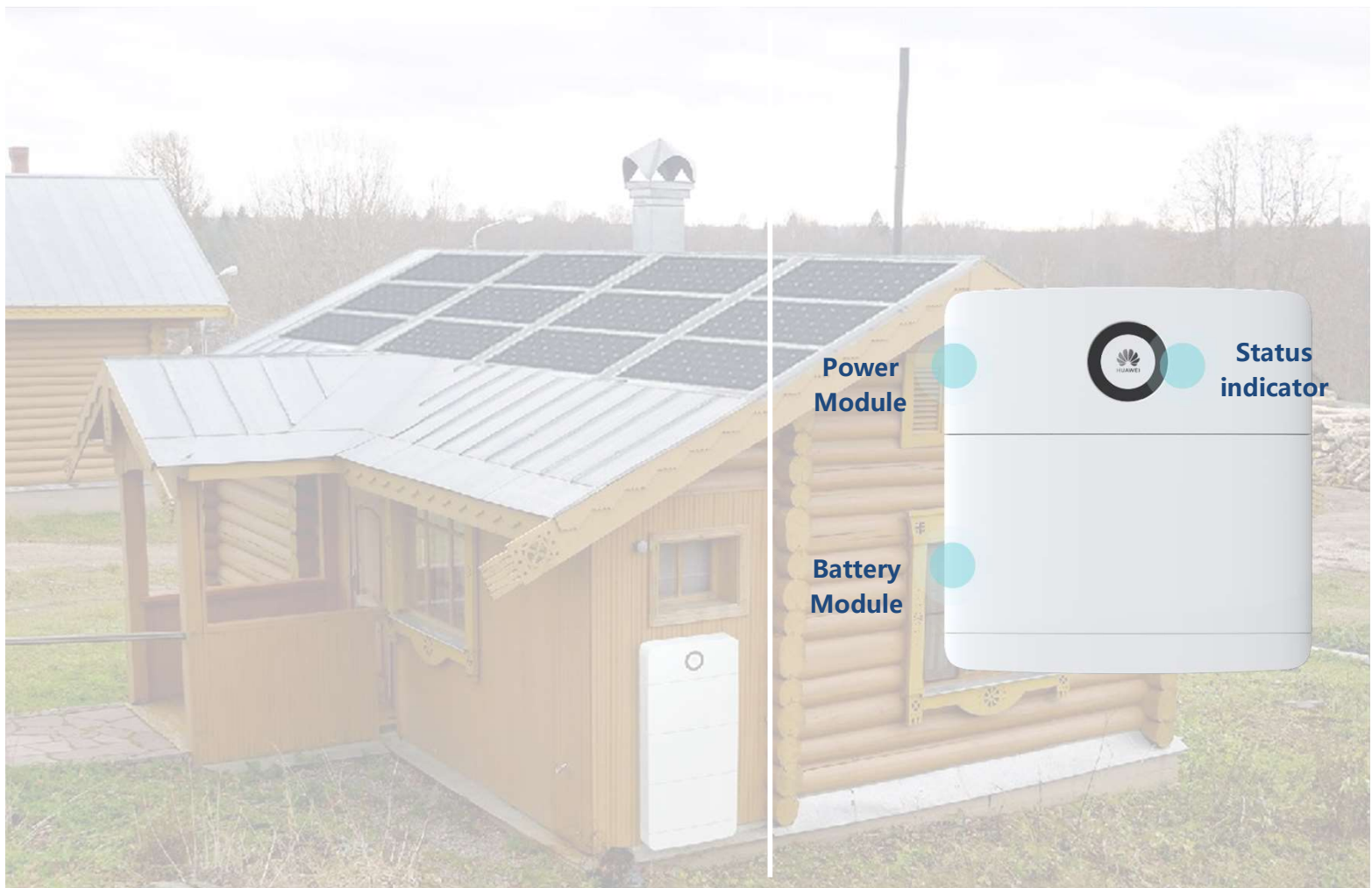
iSitePower-M



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, 8/20 μ s
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, 8/20 μ s
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	\leq 3% @ rated output
	Surge Protection	3kVA/5kVA, 8/20 μ s
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