FusionModule500

INTRODUCTION

Huawei FusionModule500 is a new-generation edge data center solution, which integrates the UPS, PDU, monitoring, and battery in one cabinet, it can greatly save footprint and build a “One Cabinet One DC" for customers. The core components of the FusionModule500 are pre-tested and pre-installed in the factory, and are plug-and-play on site, enabling rapid deployment of the data center. In addition, with Huawei’s edge data center management system, it can realize unified management of multiple sites and significantly improve the O&M efficiency.



APPLICATION SCENARIOS

- Finance, Education, Healthcare, Public Security, SMEs, Retailing & Merchandising, Edge DC, etc.

FEATURES

Simple

- All-in-one design, quick deployment within 2 hours

Green

- One cabinet one DC, space saving by 50%

Smart

- Local 10-inch touchscreen* to intuitively display the data center status
- Intelligent O&M, unified management of multiple data centers*

Reliable

- Civil air conditioner intelligent start, no risk of overheat

* : Optional

SPECIFICATIONS

Item	Description	Specification
Overall parameter	Power type	220/230/240VAC, 50/60Hz, 1Ph+N+PE
	Temperature	0-40℃
	Humidity	5-95%
	Altitude	0-4000m (1000 meters or more to reduce capacity)
	Certificate	CE, ROHS, REACH
Cabinet system	Cabinet dimensions W×H×D(mm)	600×2000×1100
	Cabinet combination	IT cabinet / IT cabinet + battery cabinet, IT cabinet + network cabinet, IT cabinet + network cabinet + battery cabinet
	Avaiable space	6k UPS: ≤37U (no battery pack) 10k UPS: ≤36U (no battery pack)
Power system	Input	220/230/240VAC, 1Ph+N+PE, 50/60Hz, 63A
	PDU output	40A*4
	Capacity	6kVA/10kVA
	Configuration	Single UPS
	Voltage input range	80~280VAC, 40-70Hz, 1Ph+N+PE
	Power factor	1.0
	Efficiency	Up to 96%
	Battery type	Battery pack, battery cabinet battery rack
	Backup time	15min~4h*
	SPD	CLASSII/C, In 20kA, Imax 40kA, 8/20us
	Maintenance bypass	Standard
	rPDU (optional)	IEC: Half height or full height
Battery system	Lead-acid battery	Battery pack inside the cabinet
		Battery cabinet inside the module
		Battery rack outside the module
Monitoring system	Function	Remote web page access and unified management of multiple branches*
	Local monitoring	10-inch tablet screen(optional)
	Standard functions	Smoke sensor, T&H sensor, SMS/email alarm
	Optional functions	Home A/C restart function, video surveillance, water leakage sensor, door sensor, and mobile O&M

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

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