



PowerMount (2MWh) Responsibility Matrix

V_2.0

All Rights Reserved

Date 2026/03/10

Copyright Declaration

All rights to the content of this manual are owned by Dunext Technology Suzhou Co., Ltd. (hereinafter called as 'Dunext'). Any corporation or individual should not plagiarize, partially or fully copy it, and reproduce or distribute it in any form or means without prior written permission from Dunext.

Dunext reserves the right of final interpretation. This manual may be updated according to users or customer's feedback. The information in this manual is subject to change without notice. Every effort has been made to ensure the accuracy of the contents of this manual, but nothing mentioned herein expresses or implies any other information.

Please check our website at <http://www.dunext.com> for latest version.

Notes:

The responsibility matrix clarifies the responsibilities of both parties at different stages of the project construction.

- **"R" stands for responsible**, and the owner who will take the responsibility to execute the work, is responsible for leading the completion of related work tasks and goals, and is primarily responsible for the results.
- **"S" stands for support**, and support the customer remotely or on site according to the contract from end to end and make sure to meet customer requirements.
- **This responsibility matrix is only applicable to the equipment supplied by Dunext.**

1. Application Scenario

Trade term DDP delivery (Delivered duty Paid)

No.	Project	Description	Responsible Party	
			Dunext	Customer
1	Customs Clearance (China)	Preparation of customs declaration materials, customs declaration	R	S
2	FAT	Factory Acceptance Test	R	S
3	Transportation from factory to China Harbor	Loading at the factory and transporting to the port	R	S
4	Transportation by Sea	From Chinese port to the port of destination country	R	S
5	Customs Clearance (Destination Country)	Preparation of customs clearance documents and handling of customs clearance formalities	R	S
6	Transportation to site	After customs clearance, from the customs to the customer's project site	R	S

Trade term DAP delivery (Delivered At Place)

No.	Project	Description	Responsible Party	
			Dunext	Customer
1	Customs Clearance (China)	Preparation of customs declaration materials, customs declaration	R	S
2	FAT	Factory Acceptance Test	R	S
3	Transportation from factory to China Harbor	Loading at the factory and transporting to the port	R	S
4	Transportation by Sea	From Chinese port to the port of destination country	R	S
5	Customs Clearance (Destination Country)	Preparation of customs clearance documents and handling of customs clearance formalities	S	R
6	Transportation to site	After customs clearance, from the customs to the customer's project site	R	S

Trade term FOB delivery (Free on Board)

No.	Project	Description	Responsible Party	
			Dunext	Customer
1	Customs Clearance (China)	Preparation of customs declaration materials, customs declaration	R	S
2	FAT	Factory Acceptance Test	R	S
3	Transportation from factory to China Harbor	Loading at the factory and transporting to the port	R	S
4	Transportation by Sea	From Chinese port to the port of destination country	S	R
5	Customs Clearance (Destination Country)	Preparation of customs clearance documents and handling of customs clearance formalities	S	R
6	Transportation to site	After customs clearance, from the customs to the customer's project site	S	R

Based on different trade terms, select the corresponding responsibility matrix.

2. Inspection

No.	Project	Description	Responsible Party	
			Dunext	Customer
1	Unpacking inspection	Upon product arrival at the site, conduct an immediate unpacking and inspection; notify the dealer immediately if any irregularities are detected.	S	R
2	Storage	After the product arrives at the site, the customer stores it according to the storage requirements of the product.	S	R
3	Transportation	Transport from unloading location/temporary storage point to installation point	S	R

3. Product Installation

No.	Project	Description	Responsible Party	
			Dunext	Customer
1	Site Inspection	On-site inspection during the project design phase	S	R
2	Foundation	Foundation construction before product installation	S	R
3	Pre-installation preparation	Preparation of necessary installation tools and PPE.	S	R
4		AC copper cables (96mm ² - 240mm ²) preparation from PCS to customer transformer, TN-S wiring system.	S	R
6		Communication line from PowerMount to third-party EMS (Ethernet cable, Cat 5 or Cat 6 or fiber optic).(If the distance exceeds 100m, it is recommended to use fiber optic communication.)	S	R
7		Before installing the equipment, it is recommended that the customer pre-bury a grounding strip using 40mm x 4mm flat iron.	S	R
8	Pre-installation inspection	Installation environment inspection, foundation level inspection, foundation load-bearing inspection, and drainage inspection before product installation	S	R
9	Install	Product lifting (Requires the use of a crane)	S	R
10		Check the level after lifting is completed.	S	R
11		PowerMount foot fixed to the mounting foundation	S	R
12		Removal of container transport support columns	S	R
13		After removing all transport support columns,	S	R

No.	Project	Description	Responsible Party	
			Dunext	Customer
		install anti-rust gaskets and plates to prevent water ingress into bolt holes, which could cause rust. Use an M12 socket wrench for this task.		
14	Cable Connection	PowerMount enclosure grounding connection	S	R
15		Crimping and connecting the AC cables from the distribution cabinet to the circuit breaker of the PowerMount electrical compartment. After the connection is completed, the torque is checked (40N.m) and the torque identification line is drawn	S	R
16		Communication cable connection between PowerMount and Customer EMS	S	R
17		Communication connection between EMS-S1/S2 and Dunext cloud platform (4G card, Ethernet)	S	R
18	Blocking	Use foam glue or sealing mud to seal the wire holes during construction.	S	R
19	Clean	Cleaning cabinets	S	R

4. Product Commissioning

No.	Project	Description	Responsible Party	
			Dunext	Customer
1	Power on	PowerMount cabinet and cabinet power-on operation	S	R
2	Troubleshooting	Troubleshooting and component replacement	R	S
3		Faulty parts replacement	R	R
4	IP Settings	Guide customers to modify their IP addresses	R	S
5	Commissioning	On-site software upgrade, parameter setting	R	S
6	Integration testing	Integration of PowerMount with on-site equipment, including comprehensive communication interface testing	R	R
7	SAT	Customer Site Acceptance testing, including third-party acceptance testing	S	R

5. Customer Training

No.	Project	Description	Responsible Party	
			Dunext	Customer
1	Installation	Pre-installation inspection, product installation and cabling	R	S
2	Commissioning	Product cold and hot commissioning	R	S
3	Maintenance	Preventive maintenance of products	R	S

4		Fault Alarm trouble shooting Guide	R	S
5		Replacement of major components	R	S



Innovate for a Green Future

Dunext Technology Suzhou Co., Ltd.

✉ info@dunext.com

🌐 www.dunext.com