# DC Power Distribution Unit



## **Key Features**

- Built-in DC lightning
   protection
- Complete fault protection & Fault alarm functions
- Integrated communication ports and interfaces such as dry contacts and RS 485 for remote monitoring and management
- Tenant-wise energy statistics and reports
- Frontal accessibility for easy repairs and maintenance

# Application

- New base station/equipment
  room
- Rebuilding base station/ equipment room
- Multi-user base station/ equipment room

### Description

The PDU series is designed to meet the needs of power distribution units of telecom access sites. It comes with an integrated controller that enables customer to read tenant-wise energy statistics as well as to extend the remote monitoring access. It is flexible enough to mount in the different cabinets.



PDU48/125DF-S2



PDU48/300DUI-S1/S2/S3



PDU48/300DUI-S4/S5



### **Technical Specifications**

Model	PDU48/125DF-S2	PDU48/300DUI-S1/S2	PDU48/300DUI-S3	PDU48/300DUI-S4/S5	PDU48/300DF		
					S1	S2	<b>S</b> 3
System Capacity	125 A	300 A	300 A	300 A	300 A		
Monitoring	No	SM DCU	SM DCU	SM DCU	No		
Output Distribution	25 A x 8 MCB	LLVD: 63 A x 5 (MCB) BLVD: 63 A x 2 (MCB) 16A x 4 MCB 10A x 4 MCB	LLVD: 32 A x 12 (MCB) 6 A x 1 (MCB) BLVD: 16 A x 4 (MCB) 10 A x 2 (MCB)	User 1,2 - LLVD: 160 A x 2 (FUSE) BLVD: 100 A x 2 (FUSE) User 3 - LLVD: 63 A x 1 (MCB) 34 A x 1 (MCB) BLVD: 16 A x 2 (MCB)	Hydraulic MCB: 40 A × 9	Hydraulic MCB: 40 A × 4, 30 A × 4	Hydraulic MCB: 40 A × 9
Power off function	No	S1: Power off function is triggered by main controller S2: With load contac- tor, battery power off function is triggered by main controller	S3: Power off function is triggered by main controller	S4: Power off function is triggered by main con- troller S5: With load contactor, battery power off func- tion is triggered by main controller	No		
Dimensions (mm) (W x D x H)	482.6 x 100 x 43.4	482.6 × 133 × 132		482.6 x 133 x 250	440 x 165 x 43.4		
Weight	Approx. 2 kg	Approx. 9 kg		Approx. 13 kg	Approx. 3 kg		

Technical Parameters	Description		
Operating temperature	- 5 °C to + 40 °C		
Storage temperature	- 40 °C to + 70 °C		
Relative humidity	≤ 95% RH		
Altitude	≤ 2000 m (derating above 2000 m)		
Input/output voltage	-40 Vdc to -60 Vdc		
Nominal voltage	48 Vdc		
Other	Free from conductive dust, corrosive gas, and explosion		

#### Vertiv.com | Asia Pacific

© 2020 Vertiv Group Corp. All rights reserved. Vertiv<sup>™</sup> and the Vertiv logo are trademarks or registered trademarks of Vertiv Group Corp. All other names and logos referred to are trade names, trademarks or registered trademarks of their respective owners. While every precaution has been taken to ensure accuracy and completeness herein, Vertiv Group Corp. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications are subject to change without notice.