

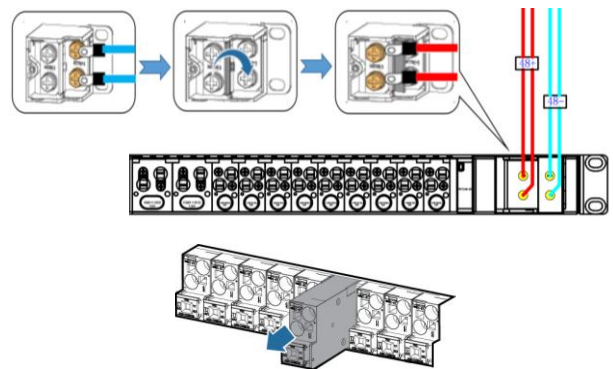


# iPDU+300

## PRODUCT DESCRIPTION

The iPDU DC power distribution unit is an intelligent load PDU, providing a means of distributing power from the input to a plurality of outlets. Single source or dual source input model.

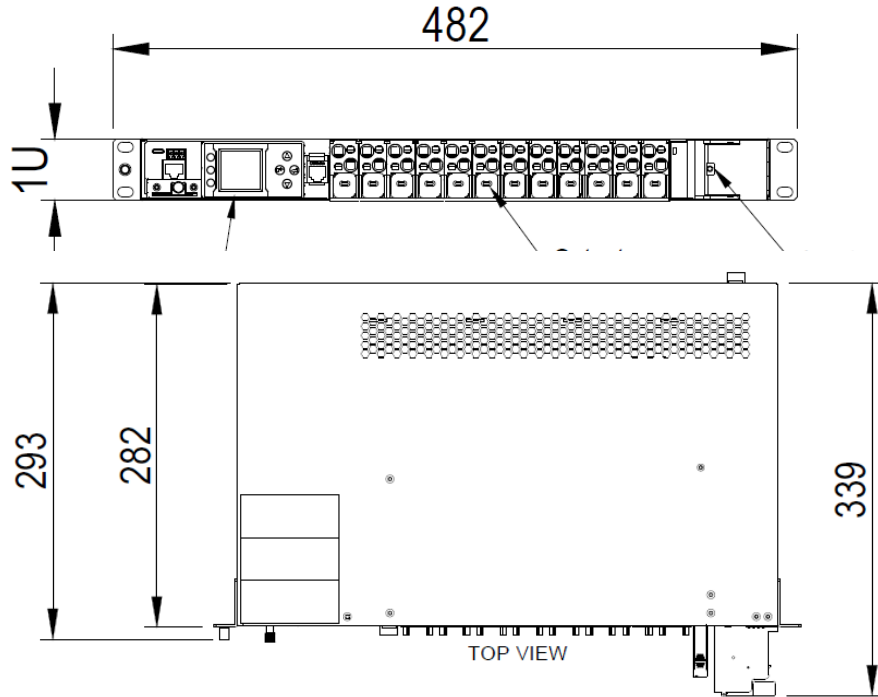
Support users to carry out intelligent power backup management according to the backup duration, voltage, and power.



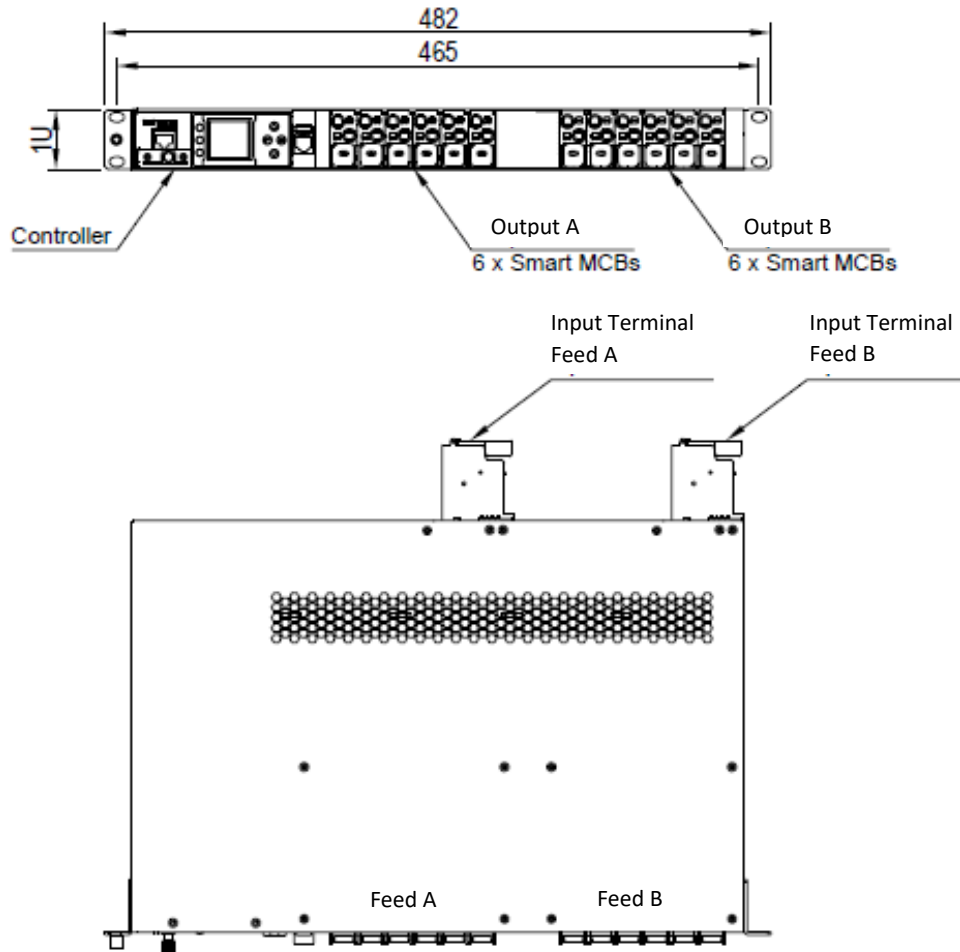
PART NUMBER	551112.100	552112.100
Model Number	iPDU+300	
<b>DC INPUT</b>		
Voltage	48Vdc (Nominal)	
No. of input feed	Single Feed	Dual Feed
No of input connection	2x per pole (+ve and -ve)	Per feed= 2x per pole (+ve and -ve)
Maximum Input Current	300A max	Per feed= 300A max
<b>DC OUTPUT</b>		
No of Metered Outputs	up to 12 nos (16A/32A/63A) or upto 8 nos (100A/125A)	Per feed= up to 6 nos (16A/32A/63A) or upto 4 nos (100A/125A)
MCB details*	(-40vdc to -80Vdc), 10kA, Voltage metering ~1% accuracy	
<b>CONTROL and MONITORING</b>		
Sensing and Measurement of each MCB	Voltage (Vdc), Current (A), Power (kW), Energy Consumption (kWh)	
Control function (individual MCB)	Time, Voltage, Power, Power duration, remote	
Controller operation range	(-40vdc to -60Vdc)	
Communication	RS-485, SNMP V1,V2	
Visual Indications on monitor	Normal operation - GREEN; Alarms - RED	
Digital I/O	2 Digital Input and 3 Digital output	
<b>ENVIRONMENTAL</b>		
Operating Temperature Range	-40°C to +60°C (de-rates above 55°C)	
Storage Temperature Range	-40°C to +70°C	
Relative Humidity	Operating: 5% to 95% RH non-condensing Storage: 0% to 95% RH non-condensing	
<b>PHYSICAL</b>		
Dimensions WxDxH (mm)	449 x 339 x 44.45 (1U)	449 x 339 x 44.45 (1U)
Net Weight (kg)	<8kg	

\*Controller operation range is the PDU working range

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Due to continuous product development, specifications are subject to change without prior notice. Images shown are for illustrative purpose only, actual may differ.

03/26 Rev.1.2