

FEATURES

- Computer-grade grounding-**
 The Liebert® cPDU automatically establishes a single point ground to meet grounding requirement major Manufacturers' recommendations and the requirements of the National Electric Code.
- Handles non-linear loads-**
 Fully compatible with the non-linear loads of modern computer systems and other electronic equipment.
- Monitoring** - Built-in metering and alarm annunciation with communication to Vertiv centralized monitoring & modbus for third party monitoring.
- Space savings** – Very compact single cabinet conserves valuable floor space.
- Easy installation** - Single input cable connection reduces installation time and cost.
- Location flexibility** - The unit can be easily relocated to protect your investment.

Liebert® delivers the packaged power solution in a very lesser footprint

Liebert® cPDU is an affordable and reliable packaged Power management for a variety of applications, including computer rooms, LANS/WANS, communication facilities and manufacturing units.

This is why Liebert® designed the cPDU to bring you a distribution system that will close the power delivery loop in your critical facility. cPDU offers the benefits of a custom-tailored power system, with the convenience and cost savings of a pre-packaged, factory-tested unit. Housed in a single, self-contained cabinet, it combines distribution, computer-grade grounding and power monitoring to provide the protection your vital computer or communications equipment demands.

Features and specifications

- Ground:** Single point reference on separately derived system
- Distribution:** Individually protected 160 Amps panel board with din rail mounted on breaker and flexible output cables
- Cooling system:** Natural
- Monitored parameters for main I/P Breaker:** I/P Voltages; Neutral & ground currents; kVA , kW, PF, % load; kW Hrs; frequency;
- Voltage Adjustment:** +2.5% of nominal in 2½% increments
- KVA:** 20-80 kVA, 3 phase
- Input:** 3-phase 3-wire plus ground 380, 400 or 415 volts: 50 Hz
- Output:** 3-phase, 4-wire plus ground & 1 phase, 2 wire plus ground 220/380, 230/400 or 240/415 volts: 50 Hz
- Alarm condition:** O/p overload; neutral and ground over currents; frequency deviation; phase sequence error; 5 customer specified alarm conditions.



Monitored parameters & alarms for each branch breaker

Parameters

Current, load%, kw, kw-hrs

Alarms

Branch circuits : over current 2 Levels, low current.

**Note: Modbus monitoring for all parameters & alarms are available*

Technical Specifications

Rated Power	20	40	60	80
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Electrical parameters

Rated Input Mains Voltage ¹	380 - 400 - 415 Vac			
Input Supply	Three phase, 4 wire and Ground			
Input voltage tolerance	± 10 %			
Frequency	50/60Hz			
Input frequency tolerance	± 5 %			
Output Supply	Single phase - PNE or Three phase - 3P-N-E (Optional)			
Rated Output Voltage ²	220/380 - 230/400 - 240/415 Vac			

Environmental parameters

Operating Temperature	0 to 40°C			
Relative Humidity	95%			
Altitude of operation	1000m above sea level			
Storage/ transport temperature	-25 to 70°C			

Mechanical parameters

Height	1300			
Width	330			
Depth	400			
Colour	Textured finished Black, Epoxy Polyester			
Cooling	Natural cooling			
Cable Entry / Exit	Outgoing cables = Bottom side; Incoming cables = Top & Bottom side			
Protection grade	IP 20			

* 1. 380V, 400V or 415V is to configured by software.

2. Rated output voltage is as per input mains voltage.

3. Specification are subject to change without any prior notification