

Liebert cPDU

Liebert cPDU is a compact packaged power management solution that helps in the critical distribution of power from the UPS by monitoring the input & output power parameters in a self-contained architectural structure.



APPLICATION AREAS:

Computer rooms, LANS/WANS, communication facilities, BFSI, Test labs and manufacturing units.

NEED FOR cPDU's OVER CONVENTIONAL DISTRIBUTION:

Sno	Feature	cPDU	Conventional PDB	Benefit
1	Computer graded grounding	Automatically establishes Single point grounding	Need to manually ground the system	Easily achievable grounding requirements of NEC met
2	Non-linear loads	Designed with D curve MCB's	Mostly comes with c curve	Ensures Higher non-linearities in load is taken care of.
3	Monitoring	Possible	Needs to be planned additionally	Integral Monitoring of both incomer & individual outgoing feeders helps customer plan his load and reduce outages & energy bills
4	Metering	Inbuilt	Meters are required to be installed separately	Customer can eliminate multiple meters to monitor his critical load
5	Alarms & Annuciations	Inbuilt at both incomer & outgoing sides: Incomer Parameters: I/P Voltages Neutral & ground currents kVA , kW, kW-hrs PF, frequency % load Alarms O/P overload Neutral and ground over currents Frequency deviation Phase sequence error 5 customer specified alarm conditions. OUTGOING SIDE: Current, Load%, KW and kW-hrs Alarms Over current, Under current Over Voltage, Under Voltage	Needs to be planned additionally	Downtime can be instantly cutdown without the need to physically inspect the distribution system

6	Communication	SNMP/Modbus possible	Needs to be planned additionally	Remote panels are no longer a concern to customer with this feature of communication capability
7	Space Saving & aesthetics	Very compact four print	Wall mount only	Can be used very easily in open spaces and looks aesthetically in line with the UPS aesthetics
8	Neutral & ground current monitoring	Possible	Needs to be planned additionally	Helps in load balancing and thereby identifying harmonics & impedance levels