



the e.a. group



CALM UNDER PRESSURE

The E.A. Group Series 400 PDU is an electrical enclosure that effectively manages power distribution when a maximum number of circuits are required within a limited amount of space. The Series 400 PDU can be wall mounted or quickly added to the Series 600 PDU in the field without disruption to the critical load.

S400
POWER
DISTRIBUTION
UNIT



KEY FEATURES

- Compact design maximizes the number of circuits within a small footprint
- Easily adaptable for any application through a variety of supply, and distribution options:
 - Single fed (top or bottom input),
 - Dual fed (top or bottom input) or
 - Side car to complement Series 600 PDU or existing PDU products
- User-friendly installation and utilization
- Extensive monitoring and metering capabilities - network adaptable
- Accommodates 84 output cables
- Hinged panel covers
- Industry standard components
- Cost effective power distribution with the ability to expand
- C.S.A approved

ADDITIONAL OPTIONS

OVERHEAD CABLING MODEL

Input and output cabling enter and exit the top of the unit for facilities with no under-floor access.

PML7300 DIGITAL POWER METER

Indicates the real time output voltage, output current, kW total, kVA total, power factor, harmonic distortion, frequency and Kilowatt-hours.

PML7330 DIGITAL POWER METER

• Indicates the real time output voltage, output current, kW total, kVA total, power factor, harmonic distortion, frequency and Kilowatt-hours. • Interface adaptability to third party devices and systems. • Two external input alarm points. • Multiple meter link with RS485 loop. • Ethernet port (optional). • Local/remote alarm annunciation package available.

EMERGENCY POWER OFF (E.P.O.)

Provides local or remote E.P.O.

TRANSIENT VOLTAGE SURGE SUPPRESSION (T.V.S.S.)

Protects downstream loads from dangerous voltage transients. • This Device can be equipped with a transient counter, auxiliary contacts, and Annunciation. • Available at 90ka and 150ka, surge capacity per-phase.

ISOLATED GROUND

• Includes isolated ground wiring of all panels (42 positions per panel board) and a central termination point that is factory bonded to the main ground.

STANDARD MODELS

S400-SC

- Sidecar • 400LBS

S400-DF

- Dual Feed • 400LBS

S400-SF

- Single Feed • 400LBS

* weights apply to standard PDUs only.

STANDARD SPECIFICATIONS

RMS Amps

- Up to 400A

Voltages

- 120/208V, 3-phase, 4-wire

Main Switches

- 150kA sym. fault current rating @ 240V when protected properly

Panel board

- Two 42-pole Sq.D type NQOD panels with two Sq.D 225A, Q2L thermomagnetic trip main breakers with 10kA sym. fault current rating

Frame Dimensions

- 32"W x 12"D x 68"H

OPTIONAL SPECS.

Panelboard

- Panelboard • One 42 circuit panel • Main breakers with up to 22kA sym. fault current rating • bolt-on or plug-in breakers with up to 22kA sym. fault current rating • GE type AQL panels