



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
UNITS



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.

PM5563 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 ports. • Monitors transformer temperature. • Local/remote alarm annunciation package available.

GEN 3 BRANCH CIRCUIT MONITORING

Local Colour touch screen displays each individual circuit amps, KW and KWH. Breaker settings and thresholds can be locally set. Total unit output voltage, output current, kW total, kVA total, power factor; harmonic distortion, frequency and Kilowatt-hours. • Interface adaptability to third party devices and systems. • Ethernet port. • Monitors and alarms for multiple system parameters. • Local/remote alarm annunciation.

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.

EMERGENCY POWER OFF (E.P.O.)

Provides local or remote E.P.O.

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

Panel board

- Two 42-pole Sq.D type

NQ panels with two Sq.D 225A, JDM thermomagnetic trip main breakers with 10kA sym. fault current

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 breakers with up to 22kA sym. fault current rating • GE type AQL panels