



the e.a. group



PLAYS ALL POSITIONS

The E.A. The E.A. Group Series 600 PDU is an extremely adaptable stand-alone electrical enclosure that effectively manages power distribution and monitoring for today's demanding computer facilities - large or small.

S600
POWER
DISTRIBUTION
UNITS



KEY FEATURES

- Easily adaptable for any application through a variety of supply, distribution, and transformation options.
- Extensive monitoring and metering capabilities - network adaptable.
- Hinged panel covers
- User-friendly installation and utilization.
- Industry standard components, attainable throughout North America.
- Readiness to incorporate the Series 400 sidecar.
- Cost effective, large-scale power distribution with small-scale adaptability.
- C.S.A. approved.

For thirty years, The E.A. Group has been involved with the development of data centre facilities for multiple Fortune 500 companies and government agencies. We understand the entire computer room environment, within which our PDU products will operate. This extensive experience combined with innovative features, state of the art components, and a real-world approach to design, culminate in the development of the Series 600 PDU.

ADDITIONAL OPTIONS

OVERHEAD CABLING MODEL

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

SIDECAR PDU

Expand your existing PDU to add additional circuits with the Series 400 Sidecar, which can be installed quickly with little or no downtime.

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.

UNDER FLOOR JUNCTION BOXES

• Includes all input wiring and 10' of computer grade liquid tight flexible conduit terminated on power terminals in a NEMA 1 enclosure.

STANDARD MODELS

- S600-30 • 30kVA • 700 LBS • S600-45 • 45kVA • 900 LBS
- S600-75 • 75kVA • 1200 LBS • S600-100 • 100kVA
- 1415 LBS • S600-112.5 • 112.5kVA • 1520 LBS • S600-125
- 125kVA • 1665 LBS • S600-150 • 150kVA • 1950 LBS
- S600- NSE • >150kVA • * weights apply to standard PDUs only.

STANDARD SPECIFICATIONS

- Input Voltage • 600V, 3-phase, 3-wire • Output Voltage
- 120/208V, 3-phase, 4-wire • Main Breaker • Square D JD
- Series Digital RMS molded case breaker with 14kA sym. fault current rating • Panelboard • Two 42-pole Sq.D type NQ panels with two Sq.D 225A, JDM thermomagnetic trip main breakers with 10kA sym. fault current rating • 200% neutral bus • Transformer • Delta-wye isolation with 150°C operating temperature and electrostatic shield. • Frame Dimensions • 38"W x 32"D x 69"H

OPTIONAL SPECS.

- Input Voltage • 480V, 3-phase, 3-wire • 120/208V, 3-phase, 4-wire • Main Breaker • Available up to 65kA sym. fault current rating • Panelboard • 42 circuits (1 panel) • 126 circuits (3 panels) • 168 circuits (4 panels) • bolt-on or plugin breakers with up to 22kA sym. fault current rating • ABB type AQL panels • Transformer • k13 rated • k20 rated • Harmonic cancellation 150°C rise. • Harmonic cancellation 130°C rise • Frame Dimensions • 49"W x 32"D x 69"H 126 & 168 circuits