



## PLAYS ALL POSITIONS

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  
UNIT



## 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 several 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.

### PML7300 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). • Monitors transformer temperature. • 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 FOR PDU AND SIDECARS

• 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.

### 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 • GE Spectra  
Series Digital RMS molded case breaker with 14kA sym. fault  
current rating • Panelboard • Two 42-pole Sq.D type NQOD  
panels with two Sq.D 225A, Q2L 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 •  
GE 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