

## PDI WAVESTAR POWERHUB PDU 400 - 750kVA

The PDI Wavestar PowerHub Power Distribution System provides the highest available power density of any PDU. PDI's award winning PDIq intelligent monitoring system is standard with these units; this system integrates the proven PDU monitoring with PDI's patented Branch Circuit Monitoring System and allows precise load control and management.



### HIGHLIGHTS

#### **SPACE SAVINGS**

The Wavestar PowerHub uses a high power high efficiency transformer in place of the many smaller lower power transformers found on legacy PDUs, often resulting in a space savings of 20-50%.

#### **LOWER ENERGY COSTS**

PDI's best-in-class ultra-high efficiency, eco-friendly transformers yield significant energy savings, substantially lowering data center operating costs.

#### **SCALABILITY**

The Wavestar PowerHub PDU is the smart way to add scalability to your critical environment. The internal distribution system allows the data center manager to easily add distribution as servers are added to the site, resulting in a better return on investment.

#### **INTELLIGENT MONITORING**

The PDIq system increases the visibility of the actual loads on the raised floor which gives the data center manager a better decision making tool at their fingertips. PDIq (Power Distribution Intelligence Quotient) equals the ability to make better decisions based upon real time reporting of load / capacity data

#### **CUSTOMIZED SOLUTIONS FOR YOUR OPERATION**

Versatile product, coupled with advanced engineering expertise, delivers the best performing platform for your critical applications.

### ELECTRICAL SPECIFICATIONS

#### **TRANSFORMER KVA:**

400, 500, 625, 750 kVA

#### **INPUT VOLTAGE:**

480 VAC, 600 VAC 3-phase, 3 wire plus ground, 60Hz

#### **OUTPUT VOLTAGE:**

208-120 @ 60Hz (240 VAC available) 3-phase, 4 wire plus ground, 60Hz

#### **OUTPUT CIRCUIT BREAKERS:**

225AF / 100-225 AT (x 14 max.)  
400 AF / 400 AT (x 8 max.)  
600 AF / 500-600 AT (x 8 max.)

#### **NEUTRAL BUS:**

200% rated

#### **TRANSFORMER TYPE:**

Data Center Grade; Delta-Wye Isolation

#### **TRANSFORMER SPECS:**

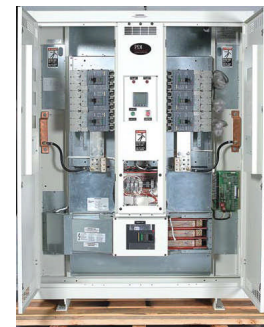
K-rated; 150°C rise; copper wound (A1 windings available)  
NEMA TP-1 efficiency

#### **INPUT CURRENT: (A @ 480VAC)**

400kVA (481); 500kVA (602)  
625kVA (753); 750kVA (903)



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