

POWERPAK™ 1000 SERIES

ADVANCED POWER PROTECTION FOR NON-LINEAR LOADS



PDI



PDI
creating the perfect wave

SPECIFICATIONS

RATINGS

- kVA Ratings: 15-150 kVA
- K20 Rated Transformer
- Class R 220°C Insulation
- Input: 3-phase, 3 wire plus ground
- Input Voltage @ 50 Hz: 415 or 380V
@ 60 Hz: 600, 480 or 208V
- Output: 3-phase, 4 wire plus ground
- Output Voltage @ 50 Hz: 415/240 or 380/220V
@ 60 Hz: 600, 480 or 208/120V
- Six (6) Compensation Taps (4FCBN, 2FCAN)
- Crest Factor (k rated) 3.14

FEATURES

- Two panelboards with main circuit breakers
- 84 pole positions
- Dual electrostatically shielded
- Copper wound construction
- Thermal warning and shutdown sensors
- Natural convection cooling
- 200% rated neutral conductor
- Input molded case circuit breaker
- Individual circuit landing tray
- Common Mode Attenuation: -120 dB
- Transverse Mode Attenuation: -30dB/dec.
- Operating efficiency: 98% typical
- UL listed, CSA certified

ENCLOSURE

- NEMA 1
- Removable panelboard covers

OPERATING CONDITIONS

- Operating Temperature: ambient 0°C to 40°C
- Storage Temperature: ambient -10°C to +40°C
- 50 Hz Operating Range: 47-53 Hz
- 60 Hz Operating Range: 57-63 Hz

WARRANTY

One (1) year

POWERPAK 1000 PDU OPTIONAL FEATURES

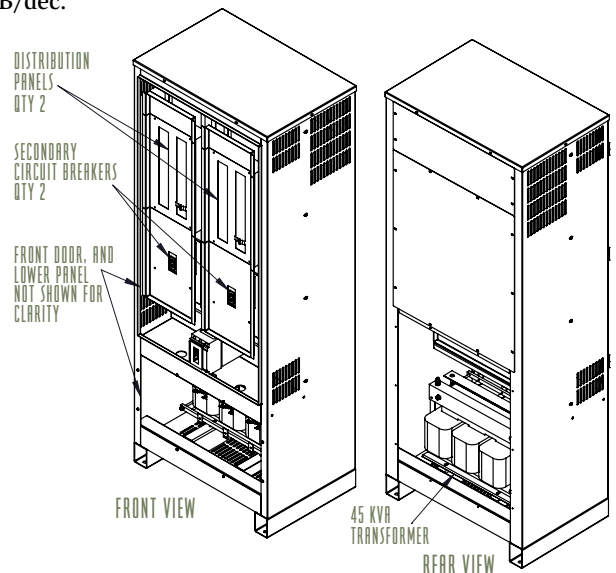
- K1, K13 or Quad-Wye harmonic cancellation transformer
- Transient suppression network
- Lightning arrestor
- Surge suppressor
- Branch circuit breakers
- Sub-feed circuit breakers
- UL listed power cables
- BCMS (one panelboard design only)
- Transformerless (208/120Vac)

STANDARD POWERPAK 1000 CABINET

kVA	HEIGHT		WIDTH		DEPTH	
	IN	CM	IN	CM	IN	CM
15-150	82.25	209	31.5	80	22	56

kVA	OUTPUT HEAT		FULL LOAD AMPERAGE			WEIGHT	
	kBTU	KCAL	208	480	600	LBS	KG
NO TRANSFORMER	N/A	N/A	225 (PER PANEL)	N/A	N/A	425	192
15	2.694	679	42	18	14	517	234
30	4.825	1,215	83	36	29	720	327
50	7.100	1,791	139	60	48	1,010	458
75	9.835	2,477	208	90	72	1,147	520
100	12.379	3,118	278	120	96	1,403	636
125	13.195	3,324	347	150	120	1,460	662
150	15.834	3,988	416	180	144	1,551	703

NOTE: 150 kVA PowerPak 1000 is not UL listed.



NOW THERE ARE 12 WAYS TO RAISE YOUR PDI^Q

(POWER DISTRIBUTION INTELLIGENCE QUOTIENT)

1 WAVESTAR™ PDU



NEW MONITOR WHICH OFFERS

- All PDU points monitoring
- BCMS trending and monitoring
- kVA rating from 15-750 kVA

2 WAVESTAR™ RPP



- 225 or 400 amp configurations
- Factory installed BCMS
- Local and/or remote monitoring

3 WAVESTAR™ STATIC SWITCH



- Instantaneous wave form capture
- Triple redundant power supplies
- Serves as a hub for downstream BCMS devices

4, 5, 6 WAVESTAR™ J-COMM™



- Underfloor and top hat to retrofit any shape, any manufacturer
- You install or we install

7 RACK DISTRIBUTION SYSTEM: MODULAR

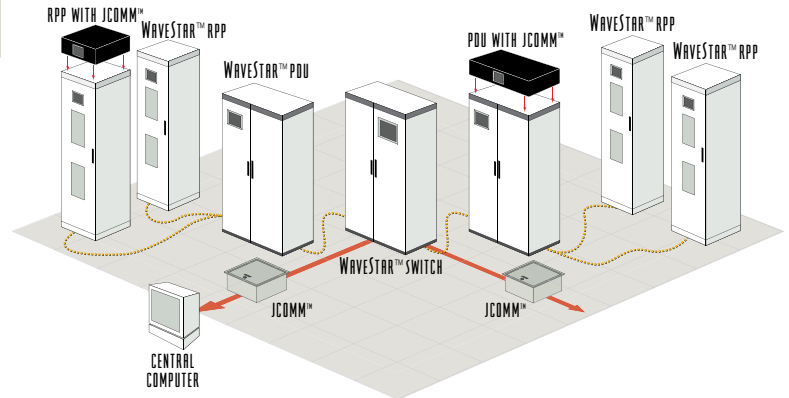


- Fits any 19" rack
- "Plug & Play" power integration
- 3 modules - BCMS with monitor, panelboard with CT strips, and twist-lock receptacle

8 RACK DISTRIBUTION SYSTEM: RPP



- Pre-wired in a 19" cabinet
- Custom made to your specifications
- Twist-lock receptacles
- BCMS local and remote



9 RACK DISTRIBUTION SYSTEM: PDU



- 15-150 kVA in a 19" rack
- Custom made to your specifications
- BCMS local and remote

10 SPLIT CORE BCMS



- Available for all manufacturer's panelboards and breakers
- Manages two panel boards
- Easy to install and connect to building management system

11 SOLID CORE BCMS



- Fits any existing installation
- Easy to install and connect to building management system
- Available for all manufacturer's panelboards

12 WAVESTAR™



BCMS LOCAL MONITOR

- Integrates all BCMS devices
- Load control from your desk
- Standard menu with reports

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