

Medium DC Power Plants

BULLETIN: 0B.163/a
MARCH 2001

UP TO 6000 AMPS @ -48 VDC POWER PLANT



- EXTREMELY HIGH POWER DENSITY
- MAXIMUM 1200 AMPS OUTPUT WITH UP TO 72 LOAD CB'S PER BAY
- 100 TO 6000 AMP
- 600 x600mm FOOTPRINT
- 2 RELAYS FOR REPORTING MAJOR AND MINOR ALARMS
- VARIOUS LEDS FOR IMMEDIATE VISUAL NOTIFICATION OF PLANT STATUS
- SINGLE LOAD BUS OR SPLIT LOAD BUS TO ACCOMODATE A & B DISTRIBUTION
- LOW VOLTAGE LOAD DISCONNECT (LVLD)
- UL COMPLIANT

Description: The PEC 163 is a self-contained, modular plug and play, expandable, power and distribution solution. Each plant is equipped with our new 100 Amp digital rectifier modules, which have one of the highest power density ratings available in the industry. The 163 Power System provides up to 6000 Amps @ -48 VDC. Each bay is capable of supplying up to 1200 Amps, utilizing 100A digital switchmode rectifiers.

TECHNICAL SPECIFICATIONS

Electrical

Input:

Voltage: 176 - 265 VAC single or 3 phase
Current: 30.5 Amps @ 208 VAC per fully loaded rectifier
Frequency: 47-63 Hz

Output:

Voltage: Adjustable from 50-57 VDC
Current: Maximum 1200 Amps for each bay

Response list: Two (2) Form C relay contacts for Plant Minor and Plant Major.

Mechanical

Physical size: 600mm wide x 600mm deep x 7' high

Environmental:

Operating Temperature: 0°C to +40°C

LED Indicators: LED Indicators are located on each plant and provide visual indications for the local user.

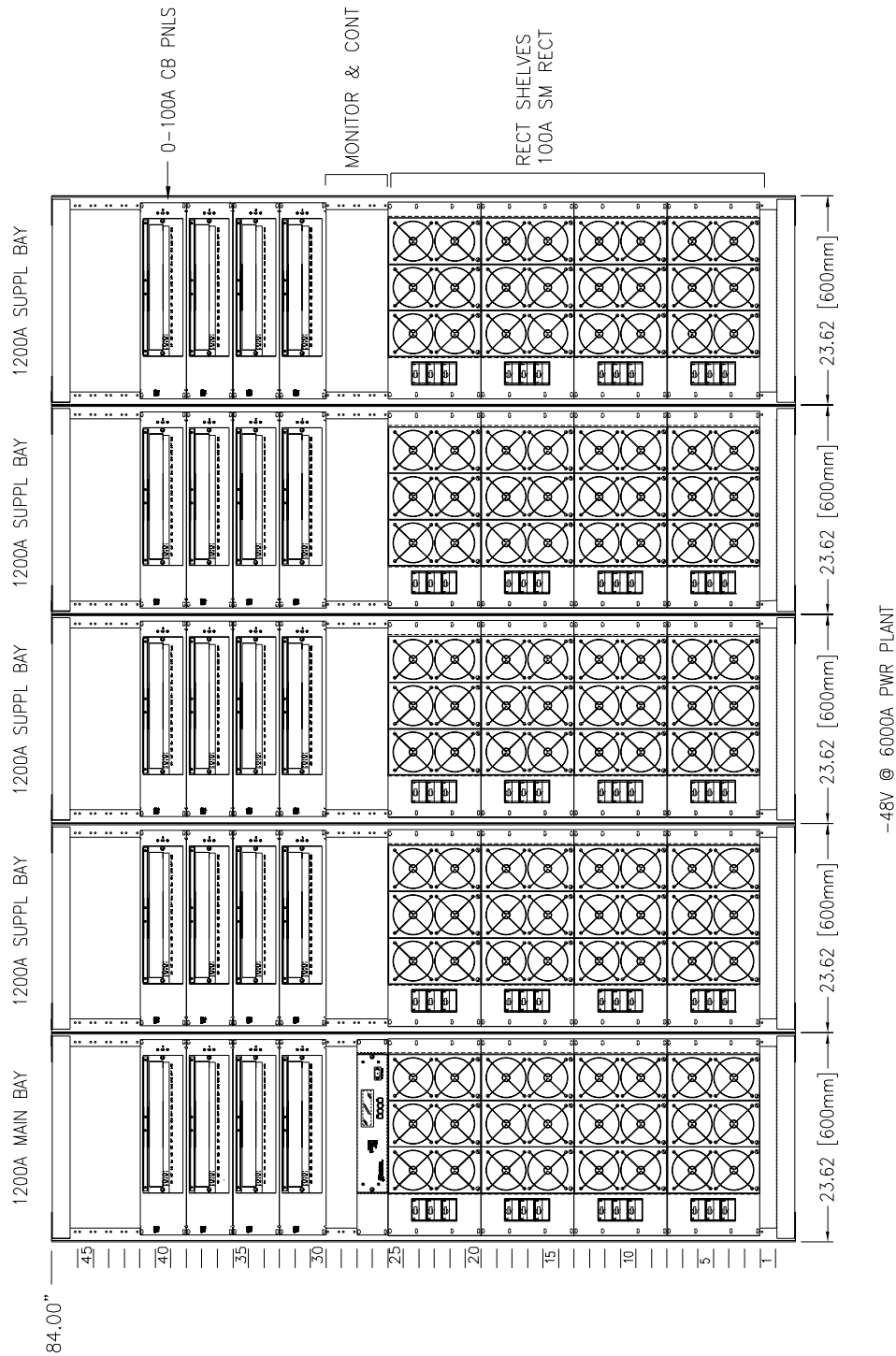
Relays: Relays are located within the Initial bay to provide plant status and alarm.

Distribution Panels: The Initial and Expansion Bays can be equipped with a variety of Fuse and Circuit Breaker Panels. Contact our factory for available listing.

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OUTLINE DRAWING



Specifications are subject to change without notice.
Please contact our website for the latest version.

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