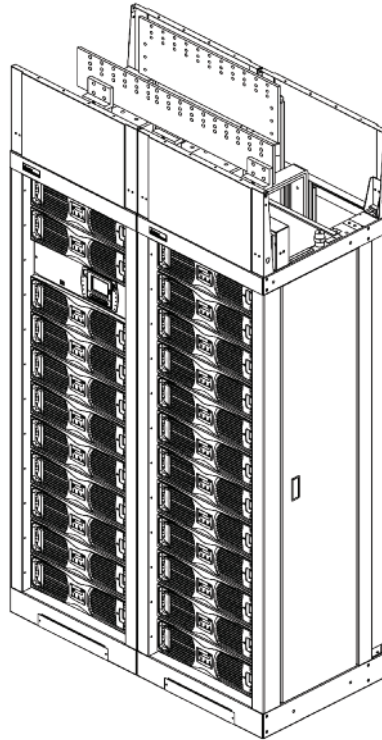


TITAN II 480/7200 BULK POWER SYSTEM



Titan II 7200 Bulk/480 Vac Power System consists of modular 7200 rectifiers, primary and secondary rectifier bays, a Control and Supervisory Unit (CSU) and bulk distribution. Up to twelve 7200 rectifiers can be installed in each rectifier bay. Up to one primary rectifier bay and two secondary rectifier bays can be installed in the system. The rectifiers require a nominal input of 480 Vac, 50 to 60 Hz, and provide an output of -54 Vdc nominal to power the load and maintain fully charged batteries.

The system is controlled by the Control and Supervisory Unit (CSU) mounted on the Primary Rectifier Bay. Rectifier and system status, voltage and current settings and alarms are viewed at the CSU. All system parameters are set in the CSU. The CSU also has the interface for the system to the Remote Monitoring System (RMS) software package used for remote or local monitoring and control via a laptop computer or a network.

Main Features

- Amperage up to 4,655 amps at 54 Vdc
- 3-phase rectifier, >0.99 power factor
- Individual or single AC input, bulk DC output

Applications

- Telecom central offices
- Data centers
- Ferro-replacement

Technical Specifications

Input

AC connection	3-phase, 4-wire & Ground
Nominal voltage	480 VRMS (phase to phase)
Voltage range	264 - 530 VRMS
Frequency range	45 - 65 Hz
Current max./phase	15 ARMS / rectifier
Mains terminal	Terminal blocks (individual AC input) or Bulk landing bus bars (single AC input)
Input protection	25 A breaker/rectifier

Output

Voltage range	40 - 60 VDC; 54 VDC nom
Power, maximum	252 kW/3 rectifier bays
Amperage, maximum	4,655 A/3 rectifier bays

Ordering Information

Primary rectifier bay (individual AC input)	162 1201 00	588
Secondary rectifier bay (individual AC input)	162 1202 00	588
Primary rectifier bay (single AC input)	162 1203 00	592
Secondary rectifier bay (single AC input)	162 1204 00	592
Rectifier	162 1002 00	48

General

Height, overall	7 ft
Width / bay	23 inch
Depth, overall	23 inch
Floor load density	122.9 lbs/ft ²
Efficiency	≥ 90 %
Ambient temperature	0 - +50 °C
Relative humidity	95 % max, non cond.
EMI/RFI	FCC class B CISPR 22 class B
Protection	IP 20
Controller	Intelligent CSU

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