



TITAN II 7200 RECTIFIER



Titan II rectifiers have the market's leading power density by maintaining minimal space requirements. High energy efficiency enables low energy consumption which in turn leads to a smaller environmental footprint.

We are focusing on continuous improvement of total cost of ownership; Titan II rectifiers combined with advanced controlling and monitoring units enable minimization of both CAPEX and OPEX.

Titan II 7200 rectifiers are true three phase input with power factor correction and forced convection cooling. The constant output power characteristic supplies the specified power over the full output voltage range. The rectifier employs the state-of-the-art technology and provides excellent performance with an extended temperature range, wide input voltage range, and low THD. Advanced technology is a key factor of the success of this rectifier and it offers a cost effective and reliable solution for your DC power needs.

Easy installation is assured as all C&D rectifiers are hot-swappable and have connectors at the rear of the unit.

Main Features

- Three-phase, 208/240 or 480 Vrms input
- Efficiency: 90 %
- Low THD: <5%
- Hot swappable, no system shutdown for maintenance
- Wide input voltage range: 176-264 or 264-530 Vrms
- Power factor correction (0.99)
- Constant output power characteristic
- User friendly LCD Display

Applications

Typically Titan II 48 V Power Systems are used in:

- Telecom central offices
- Data centers
- Ferro-replacement

Technical Specifications

Input

Mains voltage	176 – 264 Vrms (208/240 Vac nominal), or 264 – 530 Vrms (480 Vac nominal)
Mains frequency	45-65 Hz
Harmonic distortion (THD)	< 5%
EMI/RFI	FCC class B CISPR 22 class B
Protection	Circuit Breaker/Fuse

Output

Nominal system voltage	54.2 V
Operating voltage range	40-60 V
Power limitation	7200 W
Current limitation	150 A
Overvoltage protection	60.5 V
Load sharing	yes
Protection	Internal fuse

Ordering Information

Rectifier, 208 Vac input	162.1003.10
Rectifier, 480 Vac input	162.1002.10

General

Efficiency	90 %
Control and monitoring	Intelligent CSU
User interface	LCD & LED
Dimensions (W x H x D)	481 x 132 x 484 mm 18.9 x 5.2 x 19.1 in
Weight	22 kg 48.5 lb
Standards	
• Safety	EN / IEC 60950 UL 60950
• EMI (radiated)	FCC class B CISPR 22 class B
• Environment	RoHS 5 compliant
Cooling	Fan cooled
Acoustics	55 dB (A)
Operating temperature	-5 - +55 °C +23 - +131 °F

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