



The HDS 7200-48V Power System

Description:

The HDS 7200 series power system combines a compact modular design with intelligent power features and state-of-the-art technology. The HDS 7200 is capable of providing power up to 604kW. It contains seven rectifier bays for up to 84 rectifiers and various distribution units providing flexible DC distribution.



Features

- NEB Level III Certified
- Up to 604kW installed power in a 7 ft frame
- Constant power design
- Intelligent Power System Controller

Specification

General

Efficiency, 90 %
Safety UL/cUL

Input

AC connection 3 Φ , 4-wire plug ground
Voltage range 264 ... 530 V_{rms}
Frequency range 45 ... 65 Hz

Output

Voltage, nominal 54 V_{dc}
Voltage adjust range 40 ... 59.5 V_{dc}
Max. System Power 604,800W Max. at -48V output voltage (Constant Power Mode)
Load sharing < \pm 2%
Peak to Peak Noise 150mV

Intelligent CSU

Power System Controller

Mechanical

Rectifier Bay W 24" / 600 mm, D 24" / 600 mm, H 84" / 2133 mm
BDU Bay W 24" / 600 mm, D 24" / 600 mm, H 84" / 2133 mm
DPDU Bay W 24" / 600 mm, D 24" / 600 mm, H 84" / 2133 mm

Environment

Operating temperature - 5 ... + 50 °C
Relative humidity 95 % max, non condensing
Altitude - 500 ~ 10000 feet

Power module

Rectifier ESR 48 V - 7200W - D

*Specifications are subject to change

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