



## 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.



### Specification

#### General

Efficiency, 90 %  
Safety UL/cUL

#### Input

AC connection 3  $\Phi$ , 4-wire plug ground  
Voltage range 264 ... 530 V<sub>rms</sub>  
Frequency range 45 ... 65 Hz

#### Output

Voltage, nominal 54 V<sub>dc</sub>  
Voltage adjust range 40 ... 59.5 V<sub>dc</sub>  
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

### Features

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

