

EPW50A-48A 整流器说明

概述

该EPW50A-48A/2.6KW是开关式整流器 (SMR) 的模块, 可提供高达2.6KW的输出功率 (高达50A输出电流) 转换成48V的标称直流系统。

从 AC 整流器转换成稳定直流供电, 和通常使用的电池一起使用, 以提供不间断直流电源系统。一个 SMR 的模块数 (N) 是常用的平行提供所需要的功率与一个或更多的附加模块 (N + 1) 个提供冗余。该 EPW50A-48A 小尺寸允许 300,400 或 600mm 高功率密度, 深 19 英寸或 23 英寸的插框, 允许复杂的电源能与网络连接和远程资产管理功能。



交流输入

电压:

单相:L,N, E.

额定电压范围 :100-240VAC;

额定电压容差 :90-275VAC;

电流:

19A最大线路电流有效值

频率:

45-66HZ

直流输出

电压:

额定: 54Vdc

范围: 42.0-58.0V

电流:

额定: 50A

范围: 0-57A

噪音:

< 200mV 由极大到极小 (10kHz-100MHz);

温度:

工作范围: -40 to +70

全功率范围: -40 to +50

模块尺寸:

104mm*85mm*255mm (宽*高*深)

重量: < 2.5kg

EPW50A-48A Rectifier Specification

Overview

The EPW50A-48A/2.6KW is a switched mode rectifier(SMR) module that delivers up to 2.6kw of output power (and up to 50A output current) into a 48V nominal DC system.

Rectifiers convert power from an AC supply into smooth DC ,and are normally used in conjunction with a battery to provide an uninterruptible DC power system .A number of SMR module(N) are commonly used in parallel to deliver the required power,with one or more additional modules(N+1) providing redundancy.

The small dimensions of the EPW50A-48A allow high power density in 300,400,or600mm deep 19-inch or 23-inch racks.The addition of a PMU01B controller and Powershelf magazine allows a sophisticated power sytem to be built with network connectivity and remote asset management features.



Input AC

Voltage:

Single phase:L,N, E.
 Rated voltage range :100-240VAC;
 Rated voltage tolerance :90-275VAC;

Current:

19A RMS max line current

Frequency:

45-66HZ

Output DC

Voltage:

Rated: 54V
 Range : 42.0-58.0V

Current:

Rated: 50A
 Range: 0-57A

Noise:

< 200mV peak to peak (10kHz-100MHz);

Temperature:

Operating range: -40 to +70
 Full power range: -40 to +50

Module Size:

104mm*85mm*255mm(W*H*D)
 Mass: < 2.5kg