

GYPS-48150-30 嵌入式电源系统

主要特点

- 内置电源
- 高达 9000W 输出, 每个整流器 1800W
- 宽输入电压范围 90-290V
- 紧凑的模块设计, 便于操作和维修前访问
- 19 英寸安装, 3U 高度
- 提供 Class C 过压保护

应用

- 2G 和 3G 无线基站和传输站
- 嵌入客户机架



描述

可靠, 结构紧凑, 使用最广泛 1800W 整流模块, 系统集成的交流/直流配电装置, 照明为一体电源框保护装置, 监控模块和电源整流器基于可扩展到的直流与它 9000W 输出系统的功能宽输入电压范围, 友好的用户界面和先进的电源管理软件, 它是无线和 3G 的应用场合。

系统技术规格

总述	
效率	90 %
安规	IEC 60950
EMC	EN55022 Class B
冷却	风扇冷却整流器
整流器	每个850W (-54V/30A)
最大数量的整流器	5

输入	
交流电源连接及额定电压	L + N + PE : 220 VRMS
全功率范围	176 ... 275 VRMS, 276-300V不损坏
降低功耗	90 ... 175 VRMS
频率范围	45 ... 65 Hz
冲击电流	< 60 A (单个模块)
谐波失真, 总谐波失真	< 5 %
主开关	AC 空开

输出	
额定电压	54 VDC
电压范围	42 ... 58 VDC
稳压精度	< ±1 %
过压保护	59.5 VDC
纹波+尖峰	200 mVp-p
输出电流	150A Max
输出功率	9KW

机械	
外形尺寸	133x 436x 255mm(高x宽x深)
净重	19kg (内含整流器)
包装尺寸	165x 475x 295 mm(高x宽x深)
毛重	25kg (内含整流器)
整流器重量	2kg each
负荷分配	
直流配电	负载支路: 1x10A, 1x30A, 2x40A;
电池配电	电池空开: 2x 50A

环境	
工作温度	-33 ... +65°C
储存温度	-40 ... +70
防护等级	IP22
相对湿度	5... 95 % 不凝结
海拔高度	0米... 4000米

控制和监测	
功能	系统监控 (远程/本地) 参数设定温度补偿升压/均化收费
	报警继电器可定义
	电池测试
远程接口	RS-232

设计和规格如有变更, 恕不另行通知, 其他任何要求必须由生产厂家确认。

EPS150-4830 Embedded Power System

Embedded series...

Main features

- Embedded power
- Up to 9000W Output, each rectifier 1800W
- Wide input voltage range 90-290V
- Compact module design, front access for easy operation and maintenance
- 19 inch installation, 3U height
- Provide Class C surge protection

Applications

- 2G and 3G Wireless base station and transmission station
- Embedded in customer rack

Power System

Technical Specifications

General	
Efficiency	90 %
Safety	IEC 60950
EMC	EN55022 Class B
Cooling	Fan cooled rectifiers
Rectifier	1800W each (-54V/30A)
Max quantity of rectifier	5

Input	
AC connection & Nominal voltage	L + N + PE : 220 VRMS
Range, full power	176 ... 275 VRMS, 276-300V no damage operation
Range, reduced power	90 ... 175 VRMS
Frequency range	45 ... 65 Hz
Inrush current	< 60 A peak per rectifier
Harmonic distort. THD	< 5 %
Main switch	AC Breaker

Output	
Voltage, nominal	Float: 54 VDC
Voltage range	42 ... 58 VDC
Voltage regulation	< ±1 %
Over voltage protection	59.5 VDC
Ripple + spikes	200 mVp-p
Output current	150A Max
Output power	9KW



Description

Based on our reliable, compact and most widely used 1800W rectifier modules, The system integrated AC/DC distribution unit, lighting protection devices, supervisory module and power rectifier into one power frame can be expanded to a system of DC output of 9000W with it's features of wide input voltage range, friendly user interface and our advanced power management software, it is suitable for wireless and 3G applications.

Mechanics	
Dimension	133x 436x 255mm(HxWxD)
Net weight	19kg (Rectifier included)
Packing size	165x 475x 295 mm (HxWxD)
Shipping weight	25kg (Rectifier included)
Weight of rectifier	2kg each
Load distribution	
DC Distribution	Load branch: 1x10A, 1x30A, 2x40A;
Battery Distribution	Battery breaker: 2x 50A

Environment	
Operating temperature	-33 ... +65°C
Storage temperature	-40 ... +70
Protection	IP22
Relative humidity	5... 95 % Non-condensing
Altitude	0m ... 4000m

Control and monitoring	
Function	System monitoring (remote/local) Parameter setting Temperature compensation Boost / Equalize charge
	Alarm relay definable
	Battery test
Remote Interface	RS-232

Design and specifications are subject to change without notice, any other requirements need to be confirmed by manufacturer.