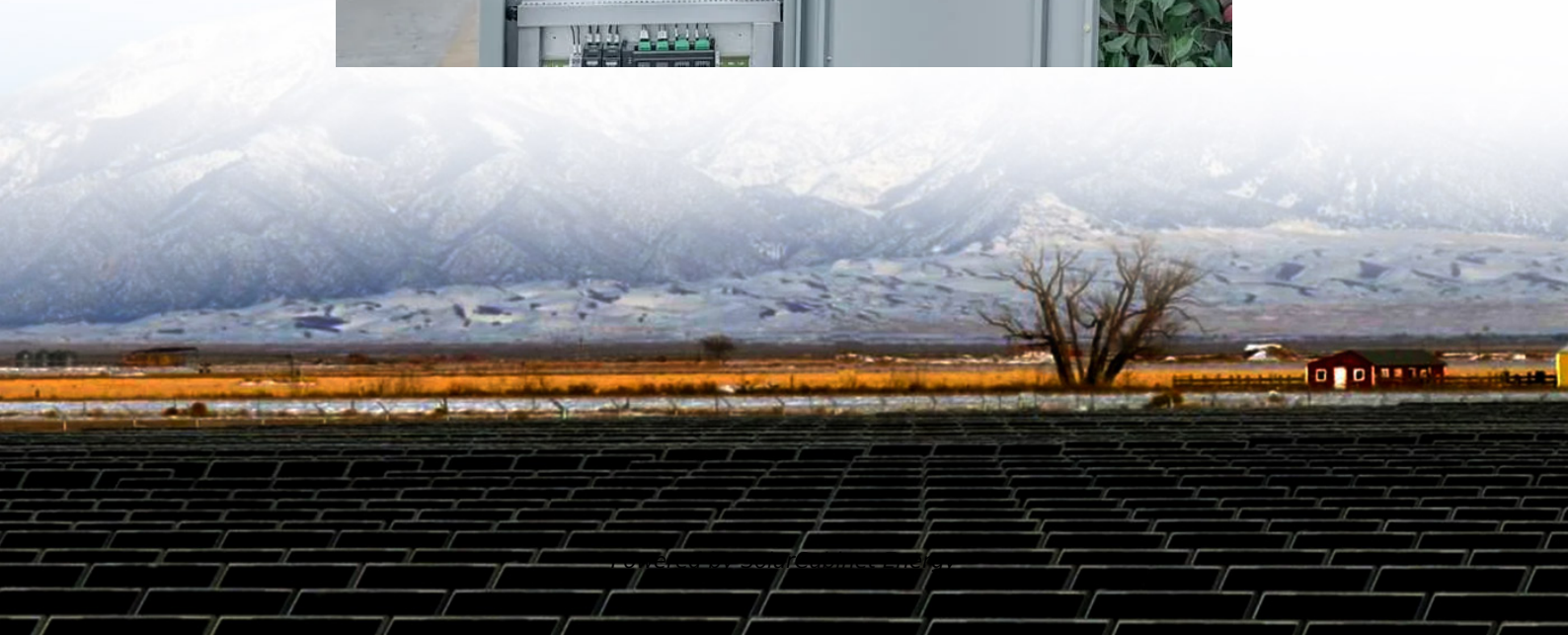


Power cabinet rectifier module in the base station





Overview

How many rectifier modules are available?

Individual rectifier modules with an output of 2000 W are available for creating complete power supply systems. The 19" 1H carrier can accommodate either five 48 V / 2000 W rectifier modules combined with a monitoring and control unit (SLIMLINE controller) or six rectifier modules.

What is a charging rectifier?

Charging rectifiers for uninterrupted power for applications where availability is a high priority in power stations, transformer stations and the process industry. These rectifiers have been developed for charging stationary lead or alkaline batteries and supply the base load. They have a rugged and reliable design for critical applications.

What is a prx3 charging rectifier?

PRX3 is a complete modular charging rectifier for total output power up to 54 kW. The main parts of the system are 3-phase rectifier modules type PRM3 up to six modules working in parallel mounted in a 19" cabinet, monitoring unit type PCM2 specially designed for DC systems, fuses and disconnectors for highest safety, easy service and maintenance.

How many rectifier modules can fit in a 19 H Carrier?

The 19" 1H carrier can accommodate either four 48 V / 3000 W rectifier modules combined with a monitoring and control unit (SLIMLINE controller) or five rectifier modules. This gives a power rating of 12 kW or 15 kW per rack.

What is the apr48-3g rectifier module?

The core building block of the system is the APR48-3G rectifier module or, for superior operating efficiency, the APR48-ES "Energy Saver" module. Each cabinet can accommodate either three or four 48V strings of high capacity VRLA batteries.



Do rectifiers need redundancy?

The rectifiers continue to supply the system and the batteries, which is why the power remains at 100%. Therefore, failure is not critical to the process, and there is no need for controller redundancy. This lessens the space required and reduces investment and operating costs.



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[Telecom Power Supplies , Rectifiers , Inverters](#)

Telecom power supplies with rectifier (72 kW right, or 90 kW left) and inverter (7.5 kVA) in one system as well as 10" touch display of the MCU 3000 system controller built into the cabinet door.

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