

Benefits

- Reliable operation in rural environments- where AC conditions are harsh.
- Easy to expand because of hot-swap rectifier modules



PS24600/75

PS24600/75 Medium System

PS24600/75 is one cabinet system integrated with AC and DC distribution units, and can provide up to 600A for +24 Vdc. This system is based upon HD2475-2 rectifier module, which offers high power density, high efficiency, and accurate load sharing between rectifier modules. Systems are monitored and controlled by PSM-A 11 which offers RS232 and dry contact interface, and can connect with modem or PSNA card to realize remote monitoring

PS24600/75 is optimized for common fixed line and mobile switch applications. This system offers advanced features including priority load function, intelligent battery monitoring, remote monitoring and low voltage disconnection. This is a suitable choice for installation in region with poor AC regulation. In addition, there is AC surge protection provided in the AC distribution unit

Applications

- Base Transceiver Stations(BTS)
- Data Center
- Medium Telecom Exchanges

Key Features

- Providing up to 600A in one cabinet
- Full current available to +24V
- Wide input voltage window and enhanced AC surge protection
- Front access design for easy installation and maintenance
- Priority load function to support critical load functions
- LCD display for alarm and components status
- Optional remote monitor and control

PSM-A11 Controller

PSM-A11 is a microprocessor based monitoring and control unit that is used in PS24600/75 power system. This unit has been specifically developed to provide monitoring, management and indication for DC power system. LCD front display and keyboard provide the system operational condition, setting and control. RS232 provides connectivity for remote monitoring via modem or PSNA card, at the same time, dry contact can also provide remote alarms for system. Multi-level password access is provided for safety operation

HD2475-2 Rectifier Module

The rectifiers are rated 75A and deliver 2175W at 29Vdc The rectifier has adaptation power limiting control mode to ensure sufficient output even when the input voltage is low. The rectifiers also have advanced short circuit feedback protection. When the output short circuits, the rectifier output current will feed back to a 1/3 rated current. The rectifier uses analog current sharing technology. When the monitoring module or a rectifier module fails, the other rectifiers will maintain the current sharing function. The rectifier has a built-in CPU for monitoring and controlling operation and for communicating with monitoring module

AC Distribution

The systems have one AC mains input which is 63A, 3 phase / 5 line system. At the same time, systems integrate with surge protection in AC distribution units

DC Distribution

DC distribution units can provide 2 battery fuses and LVD function. The output branches are equipped with short circuit and over current protection and branch capacity can be adjusted to requirements

Dimensions And Weight

Model	W × D × H(mm)	Weight(Kg)
PS24600/75	600 × 600 × 2000	225(Rectifier included)



Monitoring Module
PSM-A11



Rectifier Module
HD2475-2



AC,DC Distribution