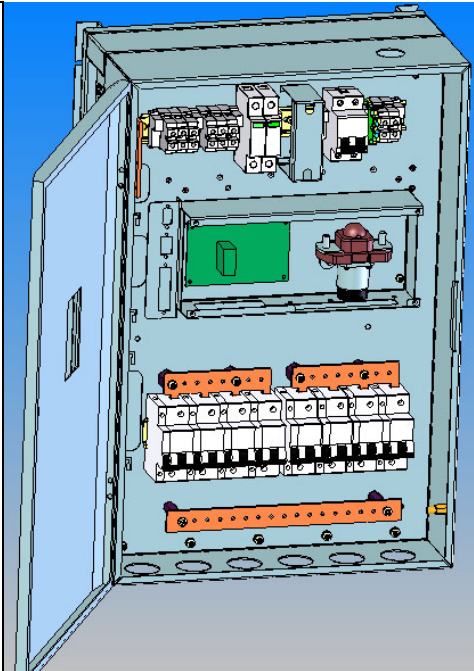


Product Features:

- Compact DC Power System
 - Wall Mount or Rack Mount
- Integrated Management Screen
- Individual Circuit Protection for Battery and Load Outputs
- High Power Density Switch-Mode Architecture
- Hot Swappable Rectifier Modules
- N+1 Configuration
- Dynamic Battery Recharge
- Equalize Charge Timer
- Optional LVD for Batteries
- Wide Temperature Range
- Integrated AC Main Protection
- Front Access Maintenance
- TUV/CE Approvals
- EN 60950-1 Safety

Alarm & Control Interface:

- LCD Display with Control Buttons
- Form-C Contacts
- Alarm History with Time Stamp
- Temperature Compensation Voltage Control (sensor included)
- User Friendly Operation Interface
- System Status; System Capacity
- FRU - Field Replaceable Units
- High MTBF



Majorcharge® Wall Mount System

The **Majorcharge** Power System offers up to 100A @ 48 VDC or 160A @ 24VDC utilizing switch mode rectifier modules.

The system configuration blends a compact wall mounted platform and modular rectifier design with state-of-the-art technology including standard intelligent power management features like temperature compensation, voltage control and the optional battery LVD.

The integrated Alarm & Control Interface (ACI) supports alarms and comprehensive system control.

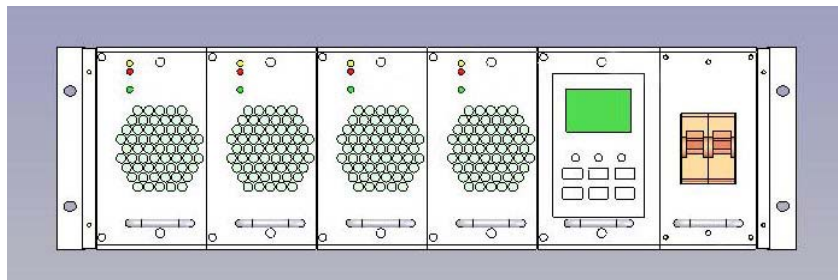
Alternate load configurations are achieved by installing additional distribution circuit breakers to meet the application requirements.

Majorcharge Rack System

The **Majorcharge** Rack System offers up to 100A @ 48VDC or 120A @ 24VDC utilizing switch mode rectifiers and comes pre-configured with load & battery circuit breakers. *

The system combines a compact sub-rack, modular rectifier design and state-of-the-art technology coupled to standard intelligent power management features like temperature compensation, voltage control, and optional battery LVD contactor.

Build multiple power configurations with this system by installing hot swappable rectifiers. An integrated Alarm & Control Interface (ACI) supports alarms, comprehensive system control and programming.



* Alternate voltage rectifiers and configurations available. (48V shown)

MAJORCHARGE DC Power Systems

The Rectifier module operates in a wide input VAC range (nominal 208/240V full power) and provides rated current over a temperature range of -5° C to +50° C. The advanced switch-mode design provides highly regulated, low noise DCV power at better than 90% efficiency. Forced air cooling is engineered with variable speed circuitry for efficient and low noise operation. EN60950-1 & CE Approved



Part Number	Output Current	Output Voltage: VDC
MCR040/024	40 A	24 V
MCR025/048	25 A	48 V
MCR010/130	10 A	130 V

System Selection Guide

Product Type Part Number	System Capacity	SMR Capacity	Output Circuits Standard	Output Circuit Expansion	23" Rack Ears	Security Lock	Battery LVD
24VDC-Wall Mount MCS160/024X1-WM	40-160A	40A	Load 1x120A Battery 1x120A	Yes; Add 6 3 Load & 3 Battery	N/A	YES	Factory Option
24VDC- Rack Mount MCS120/024XX-3U	40-120A	40A	Load 1x120A Battery 1x120A	N/A	YES	N/A	Factory Option
48VDC-Wall Mount MCS100/048X1-WM	25-100A	25A	Load 1x100A Battery 1x100A	Yes; Add 6 3 Load & 3 Battery	N/A	YES	Factory Option
48VDC- Rack Mount MCS100/048XX-3U	25-100A	25A	Load 1x100A Battery 1x100A	N/A	YES	N/A	Factory Option
130VDC-Wall Mount MCS040/130X1-WM	10-40A	10A	Load 1x50A Battery 1x50A	N/A	N/A	YES	Factory Option
130VDC- Rack Mount MCS040/130XX-3U	10-40A	10A	Load 1x50A Battery 1x50A	N/A	YES	N/A	Factory Option

Standard Equipment – Each system includes:

<ul style="list-style-type: none"> • Integrated Alarm and Control Interface (ACI) • Control Software and LCD Screen • Form-C Alarm Contacts 	<ul style="list-style-type: none"> • Temperature Compensation Probe – 3 Meter length • 1 Load and 1 Battery Circuit Breaker • 2 Pole AC Service Entry Circuit Breaker
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