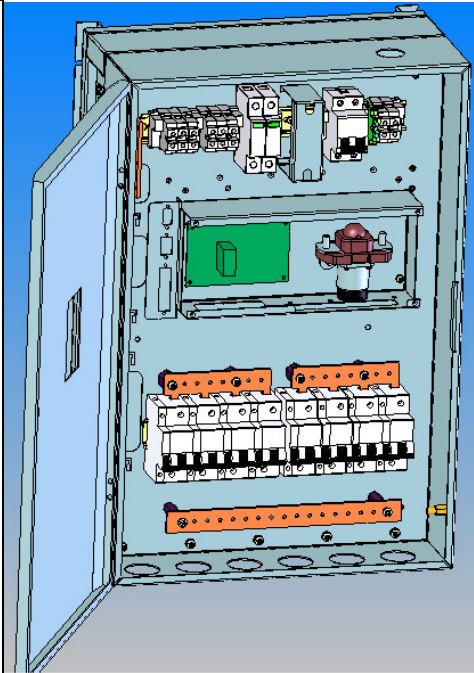


**Product Features:**

- Compact DC Power Plant
  - Wall Mount or Rack Mount
- Integrated Management Screen
- Individual Battery and Load Circuit Protection
- High Power Density SMR
- Hot Swappable Modules
- N+1 Configuration
- Uninterrupted Operation
- Front Access
- Equalize Charge Timer
- Wide Temperature Range
- TUV/CE Approvals
- EN 60950-1 SMR

**Alarm & Control Interface (ACI):**

- LCD Display
- Temperature Compensation
- Voltage Control
- User Friendly Operation Interface
- System Status; System Capacity
- FRU - Field Replaceable Unit
- High MTBF
- Form-C Contacts



**MAJORCHARGE Wall Mount System**

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

Multiple user load configurations are achieved with this system by installing optional/additional distribution circuit breakers to meet the application requirements.

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

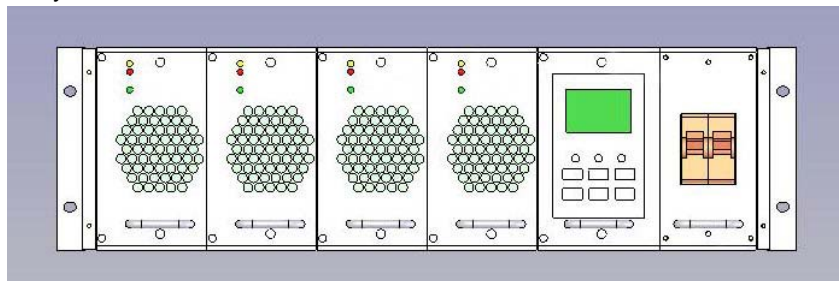
The basic configuration combines a compact, modular design with state-of-the-art technology and standard intelligent power management features like temperature compensation, voltage control and optional battery LVD.

**MAJORCHARGE Rack System**

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

Multiple power configurations are achieved with this system by installing hot swappable rectifiers. An integrated Alarm & Control Interface (ACI) supports alarms and comprehensive system control.

The basic configuration combines a compact, modular design with state-of-the-art technology and standard intelligent power management features like temperature compensation, voltage control, and optional battery LVD.



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

**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. It provides highly regulated, low noise power at better than 90% efficiency. Variable speed forced air cooling for efficient operation. EN60950 & 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	Yes; Add 6 3 Load & 3 Battery	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:

• Integrated Alarm and Control Interface (ACI)	• Temperature Compensation Probe – 3 Meter length
• Control Software and LCD Screen	• 1 Load and 1 Battery Circuit Breaker
• Form-C Alarm Contacts	• 2 Pole AC Service Entry Circuit Breaker