

PSX SPEC SHEET

PSX-B 1.3; PSX-B1.5; PSX-M

POWER

- AC Input Power: 105-135VAC, 150VA max
- DC Output:
 - PSX-B 1.3: Single Output at 13.0 VDC/1.3 ADC (MSHA M/N: PSX-24-13.0VDC-1.3ADC)
 - PSX-B 1.5: Single Output at 13.0 VDC/1.5 ADC (MSHA M/N: PSX-24-13.0VDC-1.5ADC)
 - PSX-M: Single Output at 15.0 VDC/1.5 ADC (MSHA M/N: PSX-24-15.0VDC-1.5ADC)
- No Input or Output Switches
- No Nuisance GFCI Tripping
- No Voltage Drooping
- High-Efficiency Built-in SMPS Charge System
- DC Output Fully Isolated from AC for Maximum Safety
- Module Interconnects with Fiber Optic Cables for Increased Galvanic Isolation
- AC Outage & Restoration Does Not Trip DC Output

PERFORMANCE

- Discharge Time: 24 Hours Minimum at Full Load
- Recharge Time: 24 Hours Maximum
- Portable Operation
- LED Indicators for AC Power, DC Output, Battery Voltage, Charging, Communications, & Alarm Information
- Modular Construction

COMMUNICATIONS

- Remote Monitoring & Control of Power Supply Functions
- Power Supply Data is Transmitted Wirelessly via Becker Leaky Feeder System or Minesite WiFi System
- External Antenna Allows Power Supply to Remain in Safe Location (due to Various Antenna Options)

BATTERY CHARGING & HEALTH MONITORING

- 3-Stage Charging: Increases Battery Life
- Temperature Compensated Charging: Ensures Consistent Charge Voltage across Operating Temperature Range
- High Temperature Safety Disconnect: Ceases Charging until Battery Temperature Returns to Normal
- Deep Discharge Prevention: Minimizes Battery Capacity Decrease & Shortens Recharge Time
- 100% Battery Capacity Testing During Manufacture
- True Battery State of Health (SoH) Monitoring: Includes Capacity Data alongside Charge Monitoring
- Battery System Provides Maximum Operating Life, Safety, & Determination of Ability to Provide Minimum 24-Hour Backup



MSHA COMPLIANCE

MSHA Approval # 18-ISA130002-0
Design Complies with MSHA PPL 11-V-13

DIMENSIONS

Size (H x W x D): 22" x 13.8" x 9"
Weight: 75 Pounds

INSTALLATIONS

Optional Hanging Strap
Resistant to Water & Rock Dust