

MX-636-PFBC

6 Amp Power Supply

The MICROAXS MX-634-PFBC Power Supplies have been developed specifically to support electric locks and access controls. The high performance, heavy-duty 6 Amp circuitry is ideal for inductive loads and multi-door applications. The modular design is built around several different application control modules to meet your specific needs for virtually any electric lock system. Documentation is provided to ensure a well organized installation for individual or multi-door systems that may include locking devices, access controls, station controls and consoles for remote control, annunciation and auxiliary emergency release interface. MICROAXS 600 Series power supplies are manufactured according to Quality Assurance standards.



Features

- Filtered and Regulated

The output filtering stabilizes the DC output voltage and eliminates AC line noise. The solid state regulator maintains the selected output voltage at 12VDC or 24VDC regardless of the output load changes, including battery charging.

- Field Selectable 12 or 24VDC

The output is field selectable for 12 or 24VDC output.

- Class 2 Output

The MX-636-PFBC Power Supply may be configured to use one 6 Amp output or three 2 Amp, Class 2 outputs. Where permitted by code, conduit is not required for low voltage wiring when using Class 2 outputs. The total current draw from all outputs must not exceed 6 Amps.

- LED System Status Indicator

Amber - AC and DC voltages are OK

Green - No DC output

Red - No AC input, powered by batteries

- Large Heavy Gauge Enclosure

Model MX-636-PFBC is housed in a 16 gauge, 16"W x 14"H x 6.5"D cabinet large enough to accommodate several additional modules and six 8 Amp hour batteries with plenty of room for wiring.

- Battery Charger Output

A separate PTC protected, battery charger output provides 13.5VDC or 27VDC.



MX-636-PFBC

6 Amp Power Supply

- Emergency Release Input (Standard)

A signal input from the fire life safety system turns off the secondary output releasing all failsafe locks. When not used for emergency release, this input may be used as main on-off control.

- California Compliant Manual Reset of Emergency

Release and AC Power Loss (Optional) When this feature is required, should an AC power loss occur or the emergency release input is actuated, personnel must restore secondary output power manually at the power supply after the emergency release signal is reset and/or AC power is restored.

- Low Battery Disconnect (Standard)

Batteries are disconnected from the output circuit prior to deep discharge preventing battery destruction.

- Isolated Charging Circuit (Standard)

While the charging output is 13.5VDC or 27VDC, the secondary output is unaffected and precisely maintained at the selected 12 or 24VDC. This ensures system components are powered by their specified voltage. The secondary output current is maintained at the full 4 Amp capacity and is not de-rated when charging batteries

Specification

Model	MX-636-PFBC
Input	1 Amp @115VAC 50/60 Hz (230VAC 50/60Hz Optional, Not UL listed)
Input Protection	2 Amp, Manually Resettable Circuit Breaker
Secondary Output	Selectable One, 6 Amp @ 12VDC or 24VDC or Three, Class 2, 2 Amp @12VDC or 24VDC
Battery Protection	Auto Resetting Poly Fuse per Output
Battery Charger Output	500 mA @ 13.5 or 27VDC
Battery Charger Protection	Auto Resetting Poly Fuse
Dimensions	16" W x 14" H x 6.5" D
Material	16 Gauge Steel



MX-636-PFBC

6 Amp Power Supply

12VDC Standby Power

8 Ah Battery Qty	1	2	4	6
Amp Hours	8Ah	16Ah	32Ah	48Ah
Load/Amps	Power Back-up Time in Hours			
2	3	6.5	15	24.7
2.5	2.3	5	11.5	19
3	1.8	4	9	15
3.5	1.5	2.4	7.5	12.5
4	1.3	2.8	6.5	11
5	9	2.2	5	8
6	8	1.7	4	6.6

24VDC Standby Power

8 Ah Battery Qty	2	4	6
Amp Hours	8Ah	16Ah	24Ah
Load/Amps	Power Back-up Time in Hours		
2	3	6.5	11
2.5	2.3	5	8.3
3	1.8	4	6.5
3.5	1.5	3.4	5.5
4	1.3	2.8	4.8
5	9	2.2	3.6
6	8	1.7	2.9