The 2000-32-3624 Power Supply provides +24VDC @ 400W maximum from one of three power sources. The AC input operates from a 90-132VAC or 180-264 VAC input operating anywhere from 47 to 880 Hz. The DC input can be anywhere from +10VDC to +36VDC. The battery input can be between +20 and +36 VDC. The power supply selects the utilized input with the priority of 1-AC, 2-DC and 3-Battery. The power supply is mounted to a 12” x 6” x 0.125” plate which should be mounted to a user provided heat sink using eleven mounting screws and appropriate thermal material. The assembly is 12” x 6” x 2”.

**EQUIPMENT SPECIFICATIONS**

**AC Input Characteristics**
- Voltage: 90-132VAC or 180-264VAC
- AC Frequency: 47-880 Hz
- Input Power: 500W Maximum

**DC Input Characteristics**
- Voltage: +10VDC to +36VDC
- Input Current: 47A Maximum

**Battery Input Characteristics**
- Voltage: +20VDC to +36VDC
- Input Current: 24A Maximum

**DC Output Characteristics**
- Voltage/Current: +24VDC @ 14A Max

**Aux DC Output Characteristics** - Note: Total Output Power is 400W Maximum
- Voltage/Current: +24VDC @ 2A Max.

Load Regulation: ± 0.5% Maximum

**LED Indicators - NONE**

**Physical Characteristics - NOT INCLUDING Mating Connectors**
- Size: 12” x 6” x 2”
- Weight: ≤ 3.5 lbs.
- Mounting: 11 Screws

**Heat Sink Specification (User Provided)**
- 0.50° C/W Maximum Thermal Resistance to Ambient

**I/O Connectors**
- AC Input: Molex 46014-0304
- DC Input: Molex 42819-2213
- Battery Input: Tyco 1-1747277-2
- +24VDC Output: Molex 76829-0002
- Aux +24VDC Output: Molex 39-28-102

**Environmental**
- Temperature: 0°C - +50°C
- Humidity: < 95%, Non-Condensing

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*Specifications subject to change without notice
**Consult Factory for different Input and Output Voltage Requirements
***Temperature specification assumes mounting to minimum specified Heatsink..