



©ENTRI SERIES PS-MU

DC and AC Uninterruptible Power Supplies

With remote monitoring and control. The Centri Series PS-MU integrates our SiteCentri unit into the PS UPS system to provide real time remote monitoring and control of your system. In addition to the standard features of our PS-Series the MU adds the following features. Given the critical nature of these systems we highly recommend this addition.

Features

- Lockable NEMA 4x UL 50 enclosure
- Durable Red Powder Coat Finish
- NFPA 1221 compliant Form C Dry Contact
 - AC Fail
 - 70% Battery Discharge, 30% Remaining Capacity
 - Charger Fail
 - (Optional) DC Power Supply Fail
- Output power: 300 watt or 600 watt power supply
- Output voltage: 12, 24, or 48 VDC and 120 VAC systems available
- Input: 90-264 VAC auto range
- Power supply, battery charger, and backup batteries included. N+1, battery and charger only, and power supply only configurations available by special order. Contact us for a quote.
- Independent battery charger
 - 230 watt, 3 stage smart charger
 - Extends battery life over trickle charger
 - Faster recharge time over trickle charger
- 35Ah, 50Ah, or 100Ah standard battery configurations
- 24 hour battery backup continuous average load ratings and recharge times, refer to the chart below to see which unit is best for your system.
- Sealed AGM Batteries
 - Extended life over flooded lead acid
 - Faster charging over flooded lead acid
 - No off-gassing
- Low Voltage Disconnect
 - Protects delicate electronics from under voltage damage
 - Prevents batteries from over discharging, extending battery life
- California Energy Commission compliant PS-C models make the following changes
 - Lithium-Ion batteries instead of AGM
 - Lithium-Ion smart charger
 - DoE level VI efficiency compliant power supply



* PS-1048-35-MU
pictured
**NFPA Certified
consultant on staff



26"Hx22"Wx10"D

Mounting Information:

26x22x10 plus 2 inches on the top
& bottom for the mounting bracket



*Additional Battery Box
required following models:
PS-548-100-MU, PS-1048-100-MU

MU Features

- Alarm notifications by SNMP and email through Ethernet
 - Power supply fail alarm, additional alarm for N+1 modules if present
 - AC fail alarm
 - Over temperature alarm
 - Battery low alarm
 - Low voltage disconnect alarm
- Remote Monitoring
 - Output Voltage and Current
 - Battery Voltage
 - Power rectifier Voltage, additional N+1 redundant power rectifier Voltage, if present
 - AC Mains Voltage
 - System Temperature
- Remote Control
 - Power rectifier on/off and N+1 redundant power rectifier on/off, if present
 - Battery backup connect/disconnect
- Internally hosted webpage, plug-and-play, no additional software required
- Internal data storage via SD card and downloadable .CSV file



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AC UPS Sizing Chart	Battery Capacity				
Average Power Draw	7Ah	14Ah	35Ah	50Ah	100Ah
<30 Watts	~6 hours	~12 hours	~24 hours*	~48 hours*	~96 hours*
30 to 70 Watts	~3 hours	~6 hours	~12 hours	~24 hours*	~48 hours*
70 to 100 Watts	~1 hour	~3 hours	~6 hours	~12 hours	~24 hours*

*4 hours w/ generator
 *12 hours complies with NFPA
 *24 hours complies with IFC
 **Actual battery backup times may vary depending on the load, operating temperature, and the age of the batteries

DC UPS Sizing Chart	Battery Capacity				
Average Constant Current Draw	7Ah	14Ah	35Ah	50Ah	100Ah
<1 Amps	~6 hours	~12 hours	~24 hours*	~48 hours*	~96 hours*
1 to 2.5 Amps	~3 hours	~6 hours	~12 hours	~24 hours*	~48 hours*
2.5 to 5 Amps	~1 hour	~3 hours	~6 hours	~12 hours	~24 hours*

*4 hours w/ generator
 *12 hours complies with NFPA
 *24 hours complies with IFC
 **Actual battery backup times may vary depending on the load, operating temperature, and the age of the batteries

	Model Number	Power Supply Amps	Output Voltage VAC	Output Voltage VDC	Battery Amp Hours
AC Output Models	PS-4110-35MU	4	110		35
	PS-4110-50MU	4	110		50
	PS-4110-100MU	4	110		100
DC Output Models	PS-2012-35MU	20		14.4	35
	PS-1024-35MU	10		28.8	35
	PS-548-35MU	5		57.6	35
	PS-4012-35MU	40		14.4	35
	PS-2024-35MU	20		28.8	35
	PS-1048-35MU	10		57.6	35
	PS-2012-50MU	20		14.4	50
	PS-1024-50MU	10		28.8	50
	PS-548-50MU	5		57.6	50
	PS-4012-50MU	40		14.4	50
	PS-2024-50MU	20		28.8	50
	PS-1048-50MU	10		57.6	50
	PS-2012-100MU	20		14.4	100
	PS-1024-100MU	10		28.8	100
	PS-548-100MU*	5		57.6	100
	PS-4012-100MU	40		14.4	100
	PS-2024-100MU	20		28.8	100
PS-1048-100MU*	10		57.6	100	

* Additional Battery Box required