

322 SERIES

INDUSTRIAL BATTERY BACKUP FAIL-SAFE SYSTEM

120 VAC | 10 AMPS



ENCLOSURE OPTIONS

Model	NEMA Rating	Material	Length	Width	Depth	Weight	Mounting
322-10B-CS4	4, 12, 13	Epoxy Coated Carbon Steel	20 in (50.80 cm)	20 in (50.80 cm)	8 in (20.32 cm)	105 lbs. (47.5 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-10B-S4X	4X	Stainless Steel	20 in (50.80 cm)	20 in (50.80 cm)	8 in (20.32 cm)	106 lbs. (48 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-10B-AL7	4, 4X, 7, 9	Cast Aluminum	29 in (73.66 cm)	29 in (73.66 cm)	12 in (30.48 cm)	382 lbs. (173 kg)	Mounting Feet Included Only; Custom Mounting Also Available

ELECTRICAL SPECIFICATIONS

OUTPUT:

120vac 60Hz Power at 1200 Watts Continuous (10Amp)

PEAK POWER OUTPUT: *During Motor Start/Locked Rotor*

120vac 60Hz Power at 2400 Watts 10 Seconds (20Amp)

- On Board Automatic Overload Detector
- On Board Resettable AC Circuit Breaker

INPUT:

120vac, +/-10% - normal

BATTERY:

12vdc, Sealed Lead Acid, 40Amp/Hour

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AUTOMATIC INTERNAL TRANSFER SWITCH:

- Detects loss of 120vac input power supply, and seamlessly switches to backup battery power supply.
- Detects regaining of 120vac input power supply, and automatically transfers back to input AC power supply then begins charging the battery.

3-STAGE BATTERY CHARGER:

1. Pulse Charge during Bulk Mode
2. Once battery reaches full charge, Trickle Charge Mode maintains the batteries.
3. Internal protection from overcharging

RUN TIME EQUATION:

Equation: $((400 / \text{total watts}) \times 30) = \text{runtime in minutes}$

Example: $((400 / 1200) \times 30) = \mathbf{10 \text{ minutes continuous run time}}$

1200 watts is full capacity of Battery Backup; less wattage output means more runtime

INTERNAL ISOLATION RELAY: Controlling Power to the Actuator and "Fail" Terminal

Output Power Filter: EMI / RFI

External Power Fuse: 10Amp at 250Vac

PANEL INDICATOR LIGHTS FOR POWER STATUS

Red: Incoming 120vac power is ON (no red light on NEMA 7)
Green: Output 120vac power is good
Yellow: Unit is in BATTERY mode

MODEL NUMBER BREAKDOWN

Series	Amp Rating	Voltage	Enclosure Rating	Options
322	-10	B	- _ _ _	- _ _
	10: 10 Amps	B: 115vac	CS4: NEMA 4, 12, 13 S4X: NEMA 4X AL7: NEMA 4, 4x, 7, 9	ES: Emergency Stop DS: Disconnect Switch K: Custom Mounting AS: Actuator ON/OFF Switch TL: End of Travel Light Indication