

## 322 SERIES

## INDUSTRIAL BATTERY BACKUP FAIL-SAFE SYSTEM

**120 VAC | 15 AMPS**



Shown with CS4 Enclosure Option

### ENCLOSURE OPTIONS

Model	NEMA Rating	Material	Length	Width	Depth	Weight	Mounting
322-15B-CS4	4, 12, 13	Epoxy Coated Carbon Steel	24 in (60.96 cm)	24 in (60.96 cm)	12 in (30.48 cm)	161 lbs. (73 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-15B-S4X	4, 4X	Stainless Steel	24 in (60.96 cm)	24 in (60.96 cm)	12 in (30.48 cm)	172 lbs. (78 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-15B-AL7	4, 4X, 7, 9	Cast Aluminum	29.5 in (74.93 cm)	29.5 in (74.93 cm)	14 in (35.56 cm)	443 lbs. (201 kg)	Mounting Feet Included Only; Custom Mounting Also Available

### ELECTRICAL SPECIFICATIONS

#### OUTPUT:

120vac 60Hz Power at 1800 Watts Continuous (15Amp)

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

120vac 60Hz Power at 3600 Watts 10 Seconds (30Amp)

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

#### INPUT:

120vac, +/-10% - normal

#### BATTERY:

12vdc, Sealed Lead Acid, 100Amp/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:  $((1000 / \text{total watts}) \times 30) = \text{runtime in minutes}$

Example:  $((1000 / 1800) \times 30) = \mathbf{16 \text{ minutes continuous run time}}$

*1800 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: 15Amp at 250Vac

### PANEL INDICATOR LIGHTS FOR POWER STATUS

- Red:** Incoming 120vac power is ON  
**Green:** Output 120vac power is good  
**Yellow:** Unit is in BATTERY mode

### MODEL NUMBER BREAKDOWN

Series	Amp Rating	Voltage	Enclosure Rating	Options
<b>322</b>	<b>-15</b>	<b>B</b>	<b>- _ _ _ _</b>	<b>- _ _ _</b>
	15: 15 Amps	B: 115vac	CS4: NEMA 4, 12, 13 S4X: NEMA 4, 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