

## 322 SERIES

## INDUSTRIAL BATTERY BACKUP FAIL-SAFE SYSTEM

**120 VAC | 5 AMPS**



Shown with CS4 Enclosure Option

### ENCLOSURE OPTIONS

Model	NEMA Rating	Material	Length	Width	Depth	Weight	Mounting
322-5B-CS4	4, 12, 13	Epoxy Coated Carbon Steel	16 in (40.64 cm)	16 in (40.64 cm)	6 in (15.24 cm)	41 lbs. (18.5 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-5B-S4X	4X	Stainless Steel	16 in (40.64 cm)	16 in (40.64 cm)	6 in (15.24 cm)	42 lbs. (19 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-5B-AL7	4, 4X, 7, 9	Cast Aluminum	23 in (58.42 cm)	23 in (58.42 cm)	10 in (25.40 cm)	171 lbs. (78 kg)	Mounting Feet Included Only; Custom Mounting Also Available

### ELECTRICAL SPECIFICATIONS

#### OUTPUT:

120vac 60Hz Power at 600 Watts Continuous (5Amp)

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

120vac 60Hz Power at 1200 Watts 1 Seconds (10Amp)

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

#### INPUT:

120vac, +/-10% - normal

#### BATTERY:

12vdc, Sealed Lead Acid, 18Amp/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:  $((180 / \text{total watts}) \times 30) = \text{runtime in minutes}$

Example:  $((180 / 600) \times 30) = \mathbf{9 \text{ minutes continuous run time}}$

*600 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: 5Amp 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
<b>322</b>	<b>-5</b>	<b>B</b>	<b>- _ _ _ _</b>	<b>- _ _ _</b>
	5: 5 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