

322 SERIES

INDUSTRIAL BATTERY BACKUP FAIL-SAFE SYSTEM

120 VAC | 30 AMPS



Shown with CS4 Enclosure Option

ENCLOSURE OPTIONS

Model	NEMA Rating	Material	Length	Width	Depth	Weight	Mounting
322-30B-CS4	4, 12, 13	Epoxy Coated Carbon Steel	36 in (91.44cm)	30 in (76.2cm)	12 in (30.48cm)	283 lbs. (128.37 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-30B-S4X	4, 4X	Stainless Steel	36 in (91.44cm)	30 in (76.2cm)	12 in (30.48cm)	287 lbs. (130.18 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-30B-AL7	4, 4X, 7, 9	Cast Aluminum	44 in (111.76cm)	44 in (111.76cm)	23 in (58.42cm)	1094 lbs. (496.23 kg)	Mounting Feet Included Only; Custom Mounting Also Available

ELECTRICAL SPECIFICATIONS

OUTPUT:

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

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

120vac 60Hz Power at 7200 Watts 10 Seconds (60Amp)

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

INPUT:

120vac, +/-10% - normal

BATTERY:

36vdc, Sealed Lead Acid, 3 x 55Amp/Hour Batteries in Series

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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 bank.

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: $((1650 / \text{total watts}) \times 30) = \text{runtime in minutes}$

Example: $((1650 / 3600) \times 30) = \mathbf{13 \text{ minutes continuous run time}}$

3600 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: 30Amp 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
322	-30	B	- _ _ _ _	- _ _ _
	30: 30 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