

322 SERIES

INDUSTRIAL BATTERY BACKUP FAIL-SAFE SYSTEM

24 VDC | 30 AMPS



ENCLOSURE OPTIONS

Model	NEMA Rating	Material	Length	Width	Depth	Weight	Mounting
322-30E-CS4	4, 12, 13	Epoxy Coated Carbon Steel	20 in (50.80 cm)	20 in (50.80 cm)	8 in (20.32 cm)	63 lbs. (29 kg)	Wall Mount and Hardware Included; Custom Mounting Also Available
322-30E-AL7	4, 4X, 7, 9	Cast Aluminum	24 in (60.96 cm)	24 in (60.96 cm)	8 in (20.32 cm)	335 lbs. (152 kg)	Mounting Feet Included Only; Custom Mounting Also Available

ELECTRICAL SPECIFICATIONS

OUTPUT:

24vdc Power at 720 Watts Continuous (30Amp)

ON BOARD FEATURE:

- Automatic Overload Detector
- Resettable Circuit Breaker

INPUT:

24-28vdc - normal

BATTERY:

24vdc, Sealed Lead Acid, 2 x 26Amp/Hour Batteries in Series

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AUTOMATIC INTERNAL TRANSFER SWITCH:

- Detects loss of 24vdc input power supply, and seamlessly switches to backup battery power supply.
- Detects regaining of 24vdc input power supply, and automatically transfers back to input DC 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: $((450 / \text{total watts}) \times 60) = \text{runtime in minutes}$

Example: $((450 / 720) \times 60) = 37.5 \text{ minutes continuous run time}$

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

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

External Power Fuse: 30Amp at 250Vac

PANEL INDICATOR LIGHTS FOR POWER STATUS

Green: Input 24vdc power is good

Yellow: Unit is in BATTERY mode

MODEL NUMBER BREAKDOWN

Series	Amp Rating	Voltage	Enclosure Rating	Options
322	-30	E	- _ _ _ _	- _ _ _
	30: 30 Amps	E: 24vdc	CS4: NEMA 4, 12, 13 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 <i>(NO OPTIONS ON NEMA 7)</i>