

ACE-J20-55-380C

**LED DC INVERTER
CONSTANT CURRENT**



EMERGENCY POWER: Battery Type External 48 VDC

Output Power Max	Output Voltage	Output Current	Operating Duration Time	External Battery Voltage	IP Rating	Battery Charge Current (mA)	Input Power	Input Current (mA)
20W	15-55V	380mA	According to external battery capacity	48V	30	N/A	0.6W	30mA



Description:

This AC Electronics UL Listed Emergency Backup Driver allows a single fixture to be used for both regular and emergency (loss of power) operations. If power fails, this emergency driver switches to “Emergency Mode”. It will then operate the LED modules for 90 minutes at an output voltage in the range of 15-55 V. It can be used in conjunction with switched and

unswitched fixture applications.

During Emergency operation, this driver will drive any LED module that is designed to accept a constant current input of 380mA and has an input voltage in the range of 15-55 VDC.

Product Features:

- At least 90 minute operation in emergency mode
- Wide range input voltage - range - 120-277VAC
- Test switch and AC Power-On LED indicator for self-dignostic test
- Operating Temperature Range 0°C Through 55°C
- Up to 71% Efficiency
- Surge Protection - 3kV
- Open/Short/Over-Voltage/Over Temperature protection

SAFETY:

- UL and cUL Listed as an LED emergency driver (UL 924)
- UL/cUL Class 2
- UL Classified Field or Factory Installation
- Two-wire universal AC Input
- Self-sensing output voltage adjusts to various LED loads
- Includes battery status indicator
- Long life high temperature LiFePO4 battery
- Maximum Case Temperature 66°C
- Warranty: 5 years based on a max. case temp. of ≤60°C*
- AC Driver maximum output current = 3.0 Amps @ 55VDC
- Soft switching to prevent voltage spikes and increase longevity of the LED modules

Product Benefits:

- Title 24 compatible
- Maintains constant emergency light levels. No power/light degradation throughout the 90-minute runtime.
- Can be used with existing or new fixtures.
- LiFePO4 batteries have a life span up to 10 times longer than that of traditional lead acid batteries. They also operate with much lower resistance and consequently recharge at a faster rate.
- CCR title 20 Division 2

Applications:

- New and existing fixtures
- Emergency back-up installations
- Emergency only fixtures
- With constant current Class 2 LED driver

5-Year USA-Backed Warranty*
See complete AC Warranty information for details

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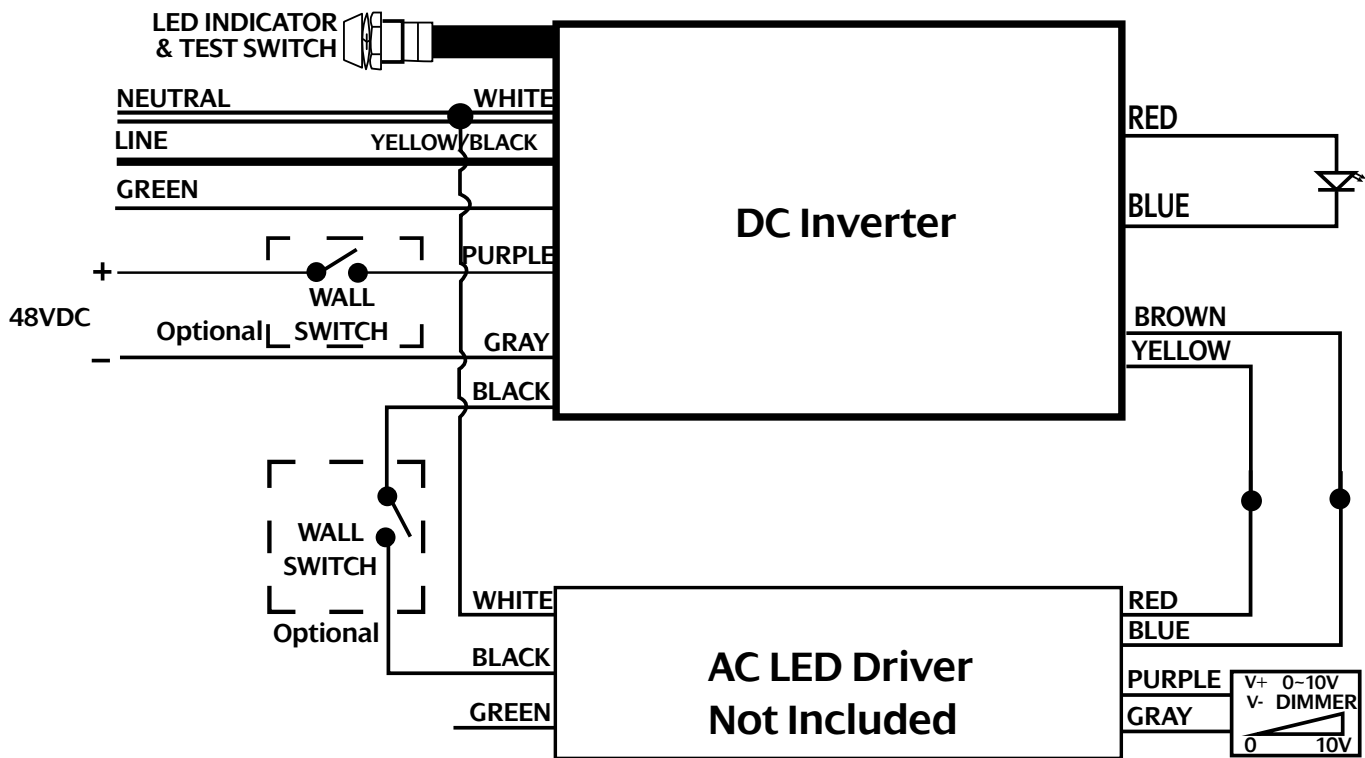
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PRODUCT SPECIFICATION:

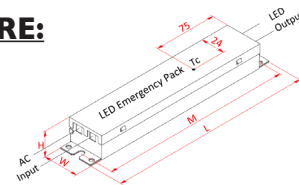
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WIRING:



(If you are using a Positive +48VDC Ground, Do NOT connect the Green Wire to Ground)

ENCLOSURE:



Lead Lengths					
Black	5.9"	Blue	5.9"	Brown	5.9"
White	5.9"	Red	5.9"	Test Switch	7.08"/
Yellow/Black	5.9"	Yellow	5.9"	& LED Indicator	23.62"
Purple	7.1"	Gray	7.1"		

Dimensions			
Length	9.5"	Height	1.14"
Width	1.7"	Mounting Length	8.9"

*AC Electronics/AC LED Power Designs warrants to the purchaser that each EMB Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to <55°C when properly installed and under normal conditions of use. See aceleds.com for complete warranty policy.