

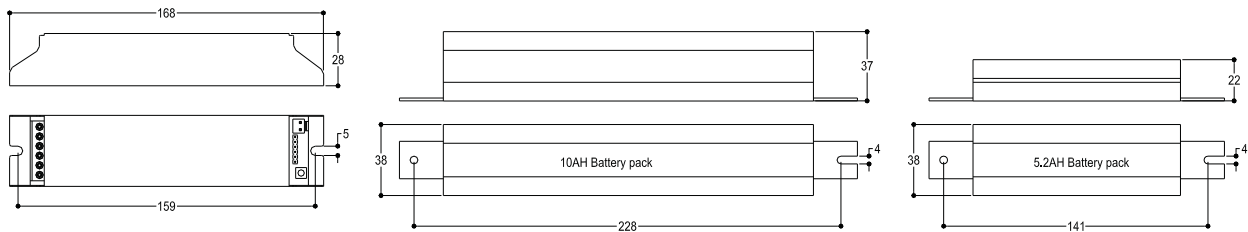
# LED EMERGENCY KIT

## 518T Series Date Sheet

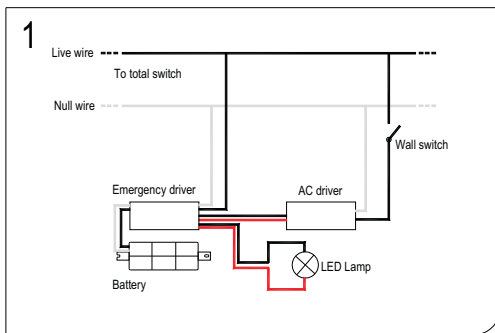
### FEATURES

1. ETL component recognized led Emergency backup driver for North America Market.
2. Dependable EM lighting solutions to LED lighting fixture applications, ideal for LED luminaire with external driver models.
3. lithium battery, within 24 hours fully charged and are backed by at least 3-year warranty.
4. Double protection circuit, safety design of the battery and Emergency device make sure the EM system under stable charging and Discharging.
5. Automatic detection, the EM system will self-inspect each month. Yellow light on alarming the system under fault condition.
6. Min.90 minutes duration and available in 5-10w, 11-28w models.

### DIMENSIONS (Unit: mm)



### INSTALLATION INSTRUCTIONS



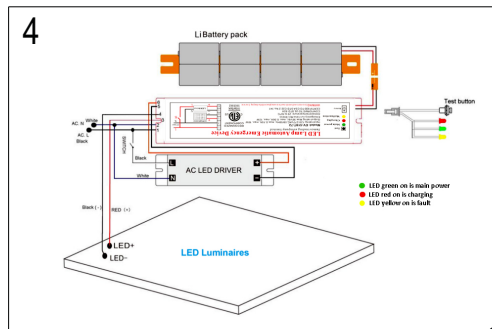
1. Live wire to wall switch must be in same phase with the charging Live wire and, special electronic line for the emergency system use is required



2. Join the battery connector to emergency driver.



3. Port 1: Live line; Port 2: Null line  
 Port 3: Connect with plus of your led light source;  
 Port 4: Connect with minus wire of your led light source;  
 Port 5: Connect with LED driver minus wire to emergency device;  
 Port 6: Connect with LED driver plus wire to emergency device.



4. Test Button: at least 30 seconds to reset circuits  
 Green Light on means Battery system is good.  
 Red Light on means Battery in charging.  
 Yellow Button on means Battery system is fault, it maybe overload.



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### PRODUCT SPECIFICATION

Model No.	EV-518T-72	EV-518T-120
Product Name	LED Emergency Power Pack	LED Emergency Power Pack
Battery	7.2V Lithium-ion battery	11.1V Lithium-ion battery
Case Size	248*73*74mm(optional)	248*73*74mm(optional)
Light Source & Output Range	Max 56V, 8A	Max 56V, 8A
Emergency Power Rate	6~10W	11~28w
Input voltage	AC 120~277V, 50/60HZ	AC 120~277V, 50/60HZ
Charging current	Max 0.15A, Max 10W	Max 0.15A, Max 10W
Signal Indicator	Yes	Yes
Working Test button	Yes	Yes
Charge protection voltage	8.4V	12.6V
Discharge end voltage	6.0V	9.0V
Duration	min.90 minutes	min.90 minutes
Battery Protection	Yes	Yes
Operation Temperature	20 to 50°C	20 to 50°C
Highest Surface Temperature	59.6°C	59.9°C
Charging Time	Min. 24hours without break	Min. 48hours without break
Output rating	Max. 56Vdc, max 0.56A, max10W	Max. 56Vdc, max 1.52A, max28W

### ORDERING GUIDE

EV	518T	72/120
Company Code	Product Series	Max DC7.2V/12V

### CAUTION

Emergency inverter is the core device which controls the battery charge or discharge, and start the emergency lighting when light meets power failure. Before the emergency power pack used, please make sure the wiring is correct. After installation, the inverter will automatically go into a charging and discharging cycle. Only when the emergency power is stocked in the warehouse and no wiring, it needs fully charging every 3~6 month to extend the battery span. When emergency power kits installed, it also needs to regularly check, maintain, examine and repair. When there is the abnormal condition, please inform the supplier to process.