



DATASHEET

Emergency supply installation operating instruction(DF518T-36)

SAVE THESE INSTRUCTIONS — THIS MANUAL CONTAINS IMPORTANT SAFETY INSTRUCTIONS

CONSERVER CES INSTRUCTIONS. CETTE NOTICE CONTIENT DES INSTRUCTIONS IMPORTANTES CONCERNANT LA SÉCURITÉ

(A) First: Technique Data

Model No.	DF518T-36
Product Name	LED Emergency Power Pack
Battery	3.6V Lithium-ion battery
Case Size	Inverter size: 168*38*28MM Battery size: 95*40*20MM
Emergency Power Rate	5W
Input voltage	AC 120~277V, 50/60HZ
Charging current	Max 0.56A, Max 10W
Signal Indicator	Yes
Working Test button	Yes
Charge protection voltage	4.2V
Discharge end voltage	3.0V
Duration	min.90 minutes
Battery Protection	Yes
Operation Temperature	20 to 50°C
Highest Surface Temperature	59.2°C
Charging Time	Min. 36 hours without break
Output rating	Max. 56Vdc, max 0.27A, max.5W
Suitable light source	LED Panel Light, LED Ceiling Lights,LED Downlight etc.
Display settings	green light – the main power, red light – charging, yellow light – fault

Shenzhen Dengfeng Power Supply CO., Ltd.

Seller Add: Floor 5, Building A, No.2, Chuangye Road 5, Jiangbian Industrial Park, Songgang Town, Baoan District, Shenzhen, Guangdong, China

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(B) READ AND FOLLOW ALL SAFETY INSTRUCTIONS

Case Installation Instruction

LED Lamp Automatic Emergency Device

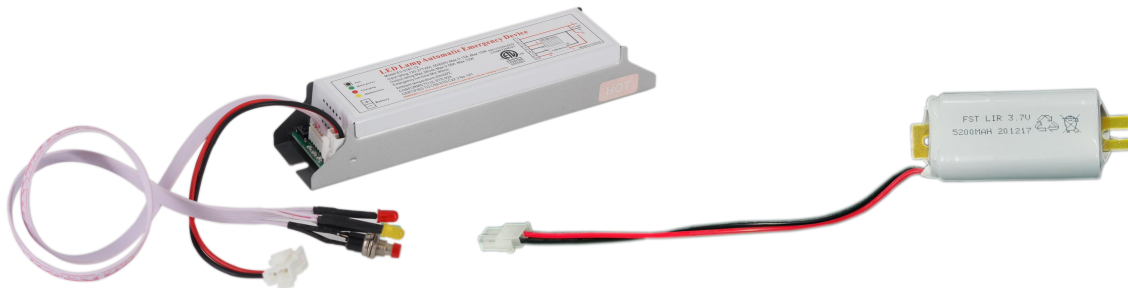
Test (Black circle icon)
Main power (Green circle icon)
Charging (Red circle icon)
Malfunction (Yellow circle icon)

Battery (+/- icon)

Shenzhen DengFeng Power Supply Co.,Ltd
Model:DF518T-36
Input rating:120-277VAC,50/60Hz, max.0.15A, max. 10W
Output rating:Max.56Vdc, max. 0.27A, max. 5W
Emergency run time:Min.90min
Ambient temperature: 20 to 50°C
CONFORMS TO UL STD.924
CERTIFIED TO CSA STD C22.2 No.141
WARNING:Live wire to wall switch must be in same phase with the charging Live wire

RECOGNIZED COMPONENT
ETL LISTED US
Intertek 5005562

The diagram shows a 6-pin terminal block. Port 1 is connected to the L line. Port 2 is connected to the N line. Port 3 is connected to the positive (+) terminal of the LED light source. Port 4 is connected to the negative (-) terminal of the LED light source. Port 5 is connected to the negative (-) terminal of the LED driver. Port 6 is connected to the positive (+) terminal of the LED driver. The AC input is connected to L, N, and S lines.



As per the wiring diagram to connect the circuit strictly. The input side wire line and output side wire line should be followed the below installation guide.

Input side wire line

Port 1: L line

Port 2: N line

Port 5: Connect with LED driver negative side(output) then to N line(input);

Port 6: Connect with LED driver positive side(output) then to L line(input) and wall switch

Output side wire line

Port 3: Connect with positive side of your led light source

Port4: Connect with negative side of your led light source

Battery

Battery pack connect to our battery socket before installation.

(C) IMPORTANT SAFEGUARDS

1>Install emergency device in accordance with the national and local electrical code.

2>Before use, always check disconnect power.

3>Device must be grounded; Using temperature limited in 20°C~50°C

4>Replace battery only with model from Dengfeng.

5>Test button need at least 30seconds to reset circuits; Prohibit pushing test button frequently.

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- 6 > Live wire to wall switch must be in same phase with the charging Live wire.
- 7 > Do not use outdoors (Ne pas utiliser à l'extérieur)
- 8 > Do not mount near gas or electric heaters (Ne pas monter gaz à proximité ou radiateurs électriques)
- 9 > Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel. (L'équipement doit être monté dans des endroits et à des hauteurs où il ne sera pas aisément soumis à des manipulations par un personnel non autorisé.)
- 10 > The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition. (L'utilisation d'un équipement accessoire non recommandé par le fabricant peut causer à des conditions dangereuses.)
- 11 > Do not use this equipment for other than intended use. (Ne pas utiliser cet appareil pour un usage autre que prévu.)
- 12 > CAUTION: A BATTERY CAN PRESENT A RISK OF ELECTRICAL SHOCK, BURN FROM HIGH SHORTCIRCUIT CURRENT, FIRE OR EXPLOSION FROM VENTED GASES. OBSERVE PROPER PRECAUTIONS. (ATTENTION : UNE BATTERIE PEUT PRÉSENTER UN RISQUE DE CHOC ÉLECTRIQUE, DE BRÛLURE PAR TRANSFERT D'ÉNERGIE, D'INCENDIE OU D'EXPLOSION DES GAZ DÉGAGÉS. SUIVRE LES PRÉCAUTIONS QUI S'IMPOSENT)
- 13 > WHEN REPLACING BATTERIES USE THE SAME NUMBER AND THE FOLLOWING TYPE BATTERIES (POUR LE REMPLACEMENT, UTILISER LE MÊME NOMBRE DE BATTERIES DU MODÈLE SUIVANT)
- 14 > PROPER DISPOSAL OF BATTERIES IS REQUIRED. REFER TO YOUR LOCAL CODES FOR DISPOSAL REQUIREMENTS (L'ÉLIMINATION DES BATTERIES EST RÉGLEMENTÉE. CONSULTER LES CODES LOCAUX À CET EFFET)
- 15 > Directions for mounting and wiring of the device.
- 16 > The catalogue number and manufacturer of the batteries that may be used with the device.
- 17 > The battery is designed for use with emergency lighting equipment, the battery has a design life expectancy of not less than three years and the recommended limitations of the battery
- 18 > The equipment does not provide a grounding equipment connection. The suitability of bonding and supply
- 19 > Full attention to each batch date and warranty time, as to the CAUTIONS below.

CAUTION:

- REPLACE BATTERY ONLY WITH MODEL _____ MADE BY Shenzhen Dengfeng Power Supply Co., Ltd BEFORE Date _____.
- RISK OF SHOCK — DISCONNECT EMERGENCY AND NORMAL INPUT POWER SOURCES BEFORE SERVICING

ATTENTION:

- REMPLACER LA BATTERIE UNIQUEMENT PAR UNE BATTERIE MAQUETTE _____ FAITE PAR Shenzhen Dengfeng Power Supply Co., Ltd AVANT LE _____
- RISQUE DE CHOC — COUPER L'ALIMENTATION NORMALE ET DE SECOURS AVANT DE PROCÉDER À L'ENTRETIEN

(D) Maintenance

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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.

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