

LED EMERGENCY LIGHTING

Emergency Exit Sign

Self-contained edge-lit LED exit sign with wide-range input, dual battery options and fully customizable panel artwork — engineered for safe, reliable evacuation guidance.

FT-DP021 SERIES



3_W

EMERGENCY

90-277_V

AC INPUT

≥3_H

BACKUP

IP20

PROTECTION

FT-DP021 SERIES

Edge-Lit Emergency Exit Sign

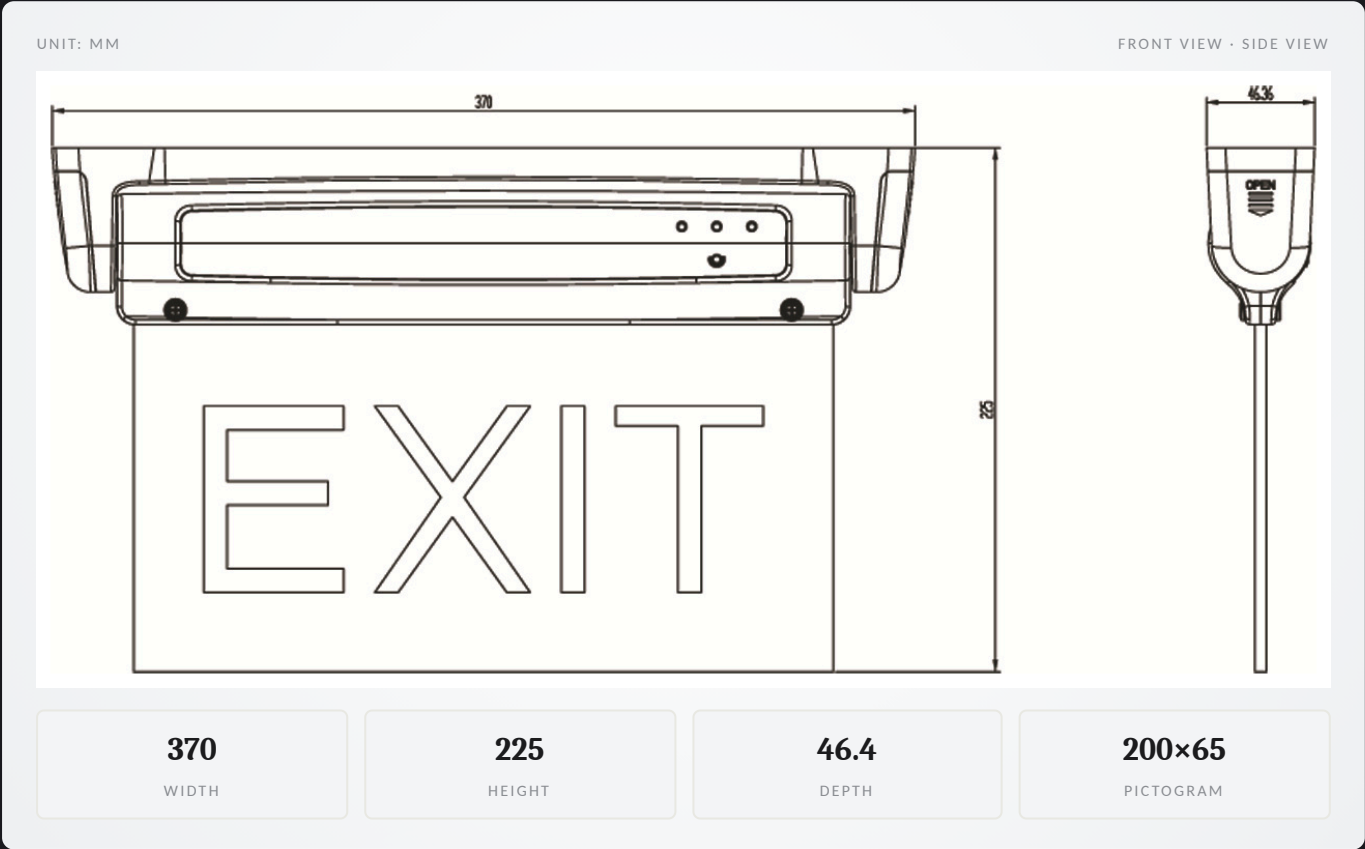
A self-contained LED emergency exit sign for ceiling suspension or surface mounting. Mains power keeps the battery trickle-charged; on power failure the unit switches automatically to battery to illuminate the evacuation pictogram — guiding occupants to safety.

3^w
Emergency Power

90-277^v
AC Input · 50/60Hz

≥3^h
Backup Duration

≤24^h
Recharge Time



KEY FEATURES

Dual Battery Options
Li-ion 3.6V/1200mAh or Ni-Cd 3.6V/800mAh.

Universal Wide Voltage
AC 90-277V, 50/60Hz; instant changeover.

Custom & Transparent Panels
Artwork, direction & single/double face.

Self-Test & Indicators
Charge / fault LEDs and TEST button.

STATUS INDICATORS

Charge — Green
Mains on, battery charging / float.

Fault — Red
Battery or circuit fault detected.

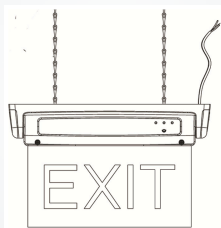
Test — Button
Simulates mains failure for testing.

Emergency — Panel Lit
Auto-illuminates on power failure.

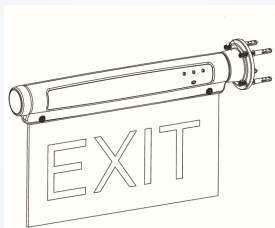
Note: Dimensions are nominal and for reference; final dimensions follow the actual product. Panel size varies with custom artwork.

INSTALLATION

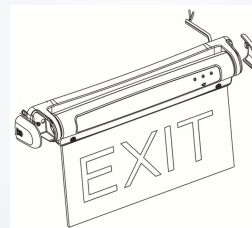
Mounting Solutions

**M-01****Chain Suspension**

Twin-chain suspension from the ceiling slab — ideal for open ceilings and high spaces.

**M-02****Pole / Flange Mount**

Threaded flange with studs for rigid pole or ceiling fixing with a fixed drop.

**M-03****Spring-Clip Recessed**

Spring-clip end fitting for recessed / surface installation into ceiling openings.

CUSTOMIZATION

Panel & Pictogram Options

◆ **Standard EXIT**

Green field, white pictogram & text.

◆ **Transparent Panel**

Clear acrylic edge-lit light guide.

◆ **Directional**

Left / right / up / down arrows.

◆ **Multilingual**

EN / AR and other languages.

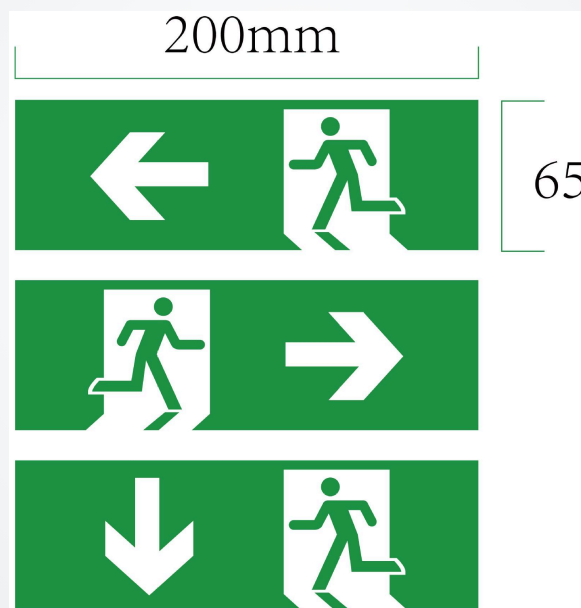
◆ **Single / Double Face**

One-side or two-side display.

◆ **Custom Artwork**

Logo, color, text & layout.

DIRECTION PICTOGRAMS · 200 × 65 MM



ORDERING CODE

FT-DP021 - L - D - CL

DP021

Model

L / N

Battery: Li-ion / Ni-Cd

S / D

Single / Double face

EX / DIR / CL

Exit / Directional / Clear

Example: FT-DP021 - L - D - CL = Li-ion · double-face · transparent panel. Specify battery, direction, artwork / language, face and voltage region when ordering.

DATA SHEET

Technical Specifications

◆ ELECTRICAL

Input Voltage	AC 90 - 277 V, 50 / 60 Hz (universal)
Emergency Power	3 W
Light Source	High-brightness LED · edge-lit light guide
Power Factor	≥ 0.9
Operation Mode	Non-maintained / Maintained (selectable)

◆ BATTERY & BACKUP

Battery Type	Li-ion or Ni-Cd (optional)
Li-ion Option	3.6 V / 1200 mAh
Ni-Cd Option	3.6 V / 800 mAh
Backup Duration	≥ 3 h (configurable 1.5 - 3 h)
Recharge / Changeover	≤ 24 h recharge · ≤ 0.25 s changeover

◆ MECHANICAL & ENVIRONMENT

Dimensions (W×H×D)	370 × 225 × 46.4 mm · pictogram 200 × 65 mm
Housing / Panel	Flame-retardant PC/ABS · acrylic (PMMA) light guide
Mounting	Chain / pole-flange / spring-clip; single or double face
Battery Access	Slide-open "OPEN" end cover
Protection / Temp.	IP20 (indoor) · -10 °C ~ +40 °C, RH ≤ 90%
Standards	Designed to IEC 60598-2-22 · CE · RoHS compliant

APPLICATIONS

Shopping Malls

Stations & Airports

Hotels

Office Buildings

Entertainment Venues

Hospitals & Schools



COMPANY

Fuerten Technology Limited

DISPATCH / ORIGIN

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PRODUCTS

Emergency Lighting · Exit Signs

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SERVICE

OEM / ODM · Custom Artwork