



### Product Overview

The EXFH-1S illuminated fire-fighting equipment sign (single sided) can be installed on both walls and ceilings. The unit uses SMD Low Power High Lumen LEDs with SMT technology that consumes much less power than fluorescent bulbs and provide a much longer operational life. Equipped with a Sealed Lead-Acid maintenance-free battery.

The sign panel is made from frosted acrylic that spreads the light evenly. The casing is produced from 1mm thick Electro-Galvanized steel coated with Epoxy powder and special chemicals to prevent any possible rust.

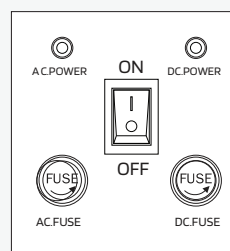
### Technical Specifications

Mode of Operation	Maintained
Input Voltage	220 VAC / 50Hz $\pm$ 10%
LED Lamp Power	20W
LED Color Temperature	6,500k - 7,000k
Battery Type / Capacity	Sealed Lead-Acid Maintained Free 12V-2.9Ah
Charge Current (max)	290mA
Charge Termination Voltage	13.50-13.80Vdc
Charging Time	10-15 Hrs
Protections	- AC, DC Fuse - Battery Low Voltage Cut-Off
Testing System	Manual Testing (Off Main Circuit Breaker)
Backup Time	4.0 Hrs
Housing	Electro-galvanized steel sheet 1mm. thick with epoxy powder coating
Dimensions (LxWxH)	500 x 100 x 450 mm
Weight	5.00 Kg
IP Rating	20
Mounting	Surface Ceiling (Type C) / Wall (Type W)

### Features

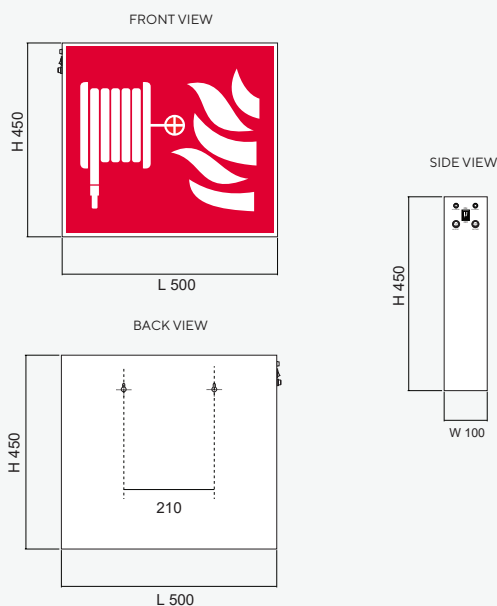
- Uses high power 20 Watts LED for illumination
- The LED provides more than 50,000 hours of operational life
- Operate for 4.0 hours on backup time
- Automatically charges its battery with circuits to regulate a constant voltage and limit the current
- Equipped with a circuit to prevent overcharging of the battery, which can cause battery swelling
- A Low Voltage Cut-Off to prevent the battery from draining completely, extending the battery life

### Indicators



- LED AC.POWER** ▶ indicates that the unit is receiving a 220Vac power supply
- LED DC.POWER** ▶ Indicates that the unit is using battery power
- Switch ON/OFF** ▶ The switch to turn the unit on or off
- AC. Fuse** ▶ Prevents short-circuits or power overload on the input side
- DC. Fuse** ▶ Prevent short-circuits or power overload on the output side

### Dimensions (mm)



### Installation

