

· TYPE _____ · DATE _____ · PROJECT _____

FRO

Sage Frontier — Hazardous Location Exit and Emergency Combo

Hazardous Location Exit and Emergency Combo

Class I, Division 2 · self-contained battery · remote capacity

SUGGESTED SPECIFICATION

Install Sage Frontier hazardous location LED exit and emergency combination units with two fully adjustable, ultra bright 3.6 W high performance MR-16 base LED lamp heads and long-life red or green LED exit illumination, in a fiberglass reinforced polycarbonate housing, gray, with a corrosion-resistant enclosure, a one-piece high-impact UV-stabilized polycarbonate lens, a molded gasket with stainless steel screws and snap-out chevron directional indicators. Units shall operate on 120 or 277 VAC with a 6 V or 12 V maintenance-free rechargeable NiCd battery, an internal solid-state transfer switch for at least 90 minutes of emergency illumination, a fully automatic two-rate charger that recharges a discharged battery in 24 hours, a bi-color battery indicator and a magnetic test switch, with 4.8 W or 7.8 W of remote capacity at 6 or 12 VDC on the 12 W and 15 W models. A pre-installed conduit hub shall serve conduit and pendant mounting. Self-diagnostics, a cold weather package with an internal heater and battery blanket, tamper-proof hardware and a no-heads exit version shall be available. Units shall be rated for Class I, Division 2, Groups A, B, C and D, meet UL 924, UL 844, NFPA 101, NEC, OSHA and local and state codes, and be UL listed for wet locations.

ELECTRICAL SPECIFICATIONS

Dual 120/277 VAC input: 6 V models 0.2 A and 16 W at 120 V, 0.07 A and 19 W at 277 V; 12 V models 0.14 A and 16 W at 120 V, 0.07 A and 18 W at 277 V. 6 V or 12 V maintenance-free rechargeable NiCd battery (12 W and 15 W models); internal solid-state transfer switch, minimum 90-minute emergency illumination; fully automatic solid-state two-rate charger, 24-hour recharge. Remote capacity 4.8 W or 7.8 W at 6 or 12 VDC, standard on the 12 W and 15 W models (7.8 W on single-face models as published).

INPUT BY MODEL

Model	Volts	Amps	Watts
6 V battery models	120	0.2	16
6 V battery models	277	0.07	19
12 V battery models	120	0.14	16
12 V battery models	277	0.07	18

Single face on the 15 W models and double face on the 12 W models, as published.

PRODUCT DATA · INPUT

Input	120 / 277 VAC
Battery	6 V or 12 V NiCd, maintenance-free, rechargeable
Emergency runtime	minimum 90 minutes
Recharge	24 hours, two-rate charger
Lamp heads	two adjustable 3.6 W MR-16 base LED heads
Remote capacity	4.8 W · 7.8 W (6 or 12 VDC)
Letters	Red · Green

FEATURES

- Two fully adjustable, ultra bright 3.6 W high performance MR-16 base LED lamp heads; red or green LED exit illumination
- Fiberglass reinforced polycarbonate housing, gray; corrosion-resistant enclosure with a one-piece high-impact, UV-stabilized polycarbonate lens, molded gasket and stainless steel screws
- Dual 120/277 V; 6 V or 12 V maintenance-free NiCd battery; solid-state transfer switch for at least 90 minutes; two-rate charger, 24-hour recharge
- Bi-color battery indicator; charge-rate and power-on indicator; magnetic test switch
- 4.8 W or 7.8 W remote capacity at 6 or 12 VDC; pre-installed conduit hub for conduit and pendant mounting; snap-out chevrons
- Rated for Class I, Division 2, Groups A, B, C and D; options: self-diagnostics (SDT), cold weather package (CW), tamper-proof hardware (TP), no heads (NH)

TEMPERATURE

Operating Temperature 0 to 50 °C (UL wet location) · -20 to 50 °C with the CW option

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ORDERING INFORMATION

Faces	1 single (15 W models only) · 2 double (12 W models only)
Letter Color	R Red · G Green
Battery Voltage	6 = 6 V · 12 = 12 V
Wattage	12 = 12 W · 15 = 15 W
Housing Color	G Gray
Options	SDT self-diagnostics · CW cold weather (internal heater and battery blanket) · TP tamper-proof hardware · NH no lamp heads

Ordering Example: FRO-1-R-6-15-G

UL CONDITIONS OF ACCEPTABILITY

Meets UL 924, UL 844, NFPA 101 Life Safety Code, NEC, OSHA, and local and state codes. Rated for Class I, Division 2, Groups A, B, C and D. UL listed for wet locations (0 to 50 °C).

NOTE: Remote capacity is 7.8 W on single-face models as published; consult Sage for compatible remote heads for the classified location.

NOTE: Five-year warranty on all electronics and housing; batteries prorated for five years.

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