



faveo

VOLTA BACKUP SYSTEM

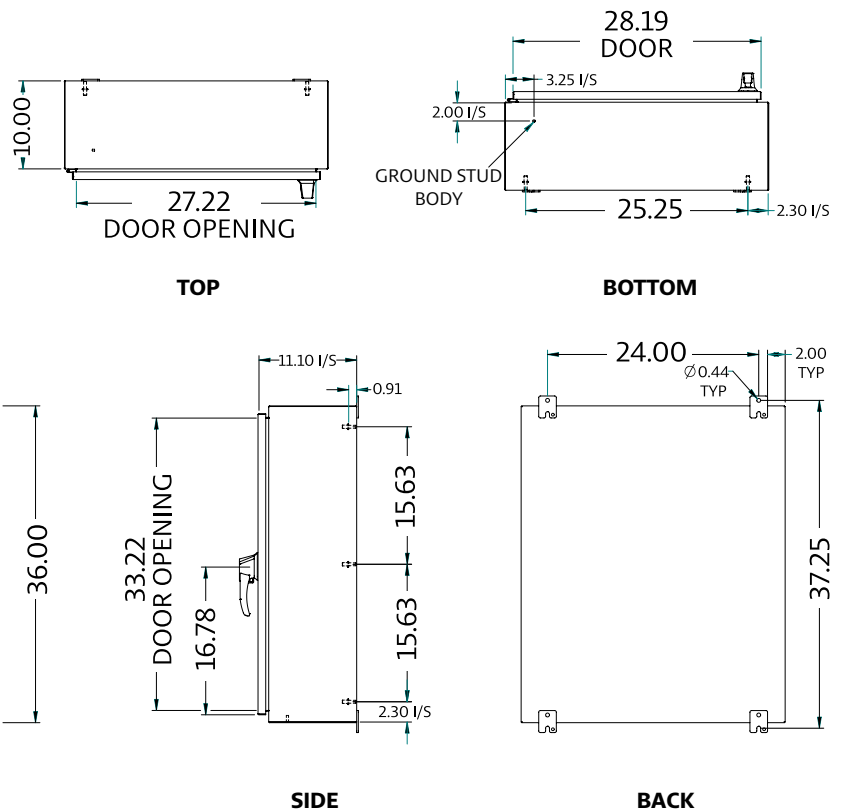
Resilient power management

KEY BENEFITS

- Instantaneous backup in .02 seconds
- Improves public safety and security
- Reduces labor costs of controlling or resetting intersection
- Remote monitoring and full telematics to support data sharing and alerts
- Built to operate in extreme temperatures
- Sophisticated BMS with CAN (2.0b)
- Battery management system performs cell balancing, prevents over/under voltage, current, and pack temperature
- Maintenance free; 3-year warranty on all components

PHYSICAL PARAMETERS

- Waterproof steel casing
- Enclosure NEMA Type 3R
- Weight: 125kg (275lbs)



*Dimensions in inches

OPERATING TEMPERATURE RANGE

- Discharge: -30°C to 60°C (-22°F to 140°F)¹
- Charge: -20°C to 45°C (-4°F to 113°F)¹

CYCLE LIFE

- 20-year pack service life (~3000 full cycles)

RECYCLING PARTNER

- Li-Cycle[®] recovers 95% of the valuable elements in lithium-ion batteries

¹Operating temperature range mirrors battery cell specifications. Faveo does not require externally supported thermal management. The Battery Management System (BMS) is programmed to manage the pack utilization rate to control the internal pack thermal conditions and prevent operation outside of pack interior temperature limits.

FOR MORE INFORMATION

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BATTERY

- Installed capacity: 196 Ah/5 kWh
- Integrated pack fuse (50kA interrupt rating)
- Integrated contactor (2000A breaking capacity)
- Run time at 250W output (2.1A/120V) – 20hr
- Run time at 500W output (4.6A/120V) – 10hr

CERTIFICATIONS

- UL 458