

# EPS

## Emergency Power Supply (currently in design)

The EPS is a compact-size uninterruptible power supply with on-board Li-Ion batteries to supply the passenger rail cars emergency lighting system when normal power is unavailable. It meets the APTA SS-E-013-99 and APTA RT-S-VIM-020-08. The EPS provides four lighting outputs for over 90 minutes of full load operation before reducing load power until the battery becomes empty. The EPS can be recharged within 30 minutes and works in a wide range of temperatures. Remote fault signal output and remote multicolor status LED indicator are available.



EPS2 shown

### HIGHLIGHTS

- Meets APTA SS-E-013-99 and APTA RT-S-VIM-020-08
- Long-life no-maintenance Li-Ion battery backup
- Fast charging
- Automatic self-diagnostic module
- 4 lighting supply outputs
- Selectable output voltages available
- Remote fault indication signal output available

### MODELS & FEATURES

Part Number Base	EPS2
Main Operating Voltage	72V <sub>DC</sub> /120V <sub>AC</sub> (dual input)
Output Voltage	24V <sub>DC</sub> , 28V <sub>DC</sub> , 37.5V <sub>DC</sub> , 72V <sub>DC</sub>
Output Power	7W / output
Number of Lighting Outputs	4
Battery Backup Time (minimum)	90 min
Battery Capacity	90 Wh
Remote Fault Signal Outputs	1
Remote Lighting Activation Output	1
Operating temperature	-30° to +50° C
Length X Height X Depth	
9.73" X 9.16" X 3.75"	X

X = Included, O = Optional, F = Factory selectable