



AMPOWER32 ADVANCED LOCOMOTIVE STARTER 32KWh BATTERY SYSTEM

Contact Information

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Control Interface



Optional Data Logger

TECHNOLOGY: Advance lithium-ion starting battery for diesel locomotive power applications.

POWER: System provides 32KWh+ of power with 460Ah capacity in a single battery, allowing for multiple successive diesel engine starts and supports extended hotel power requirements when using Automated Engine Stop Start (AESS) systems.

CONTROL: System utilizes advanced control system certified to ISO 26262 safety standards in conjunction with remote HMI screen for monitoring battery status and allowing operator full control of battery system. Option for data logger available.

SAFETY: System utilizes safer LFP cell technology to reduce the risks of traditional NMC cells and increase operational temperature and voltage ranges.

3 YEAR WARRANTY: Robust design and improved stable capacity allows for increased operational life thus maximizing investment and ROI in locomotive operations.

SYSTEM SPECIFICATIONS

Power	32KWh
Voltage	67.2 – 75.6VDC 70.3 VDC (nominal)
Capacity	460Ah
Current	460A Max Continuous Charge (1C) 460A Continuous Discharge (1C) 1380A Max Discharge Pulse(3C)
Safety	ISO 26262 Controls
Certification & Testing	AAR S9401 (System) IEC IP67 (System) UL2580, Section 43 (System) UN38.3 (Module)
Operational Temperature	-36C to 65C
Storage Temperature	-40C to 65C
Thermal	Active Thermal Management System
Dimensions	43" W X 20.5" H X 25.5" D
Weight	~900lbs
Warranty	3 Years
Life Cycle	3000+ Charge/Discharge Cycles @ 1C
Depth of Discharge	100%

SERVICES AVAILABLE

Technical Support
Installation and Setup
Maintenance
Application Support
Hardware Support
Guaranteed Warranty