GS YUASA

INDUSTRIAL LITHIUM-ION BATTERIES

LIM50E MODULE



LIM50E-7G



LIM50E-8G

ADVANCED BATTERY SOLUTIONS FOR CRITICAL INDUSTRIAL DEMANDS

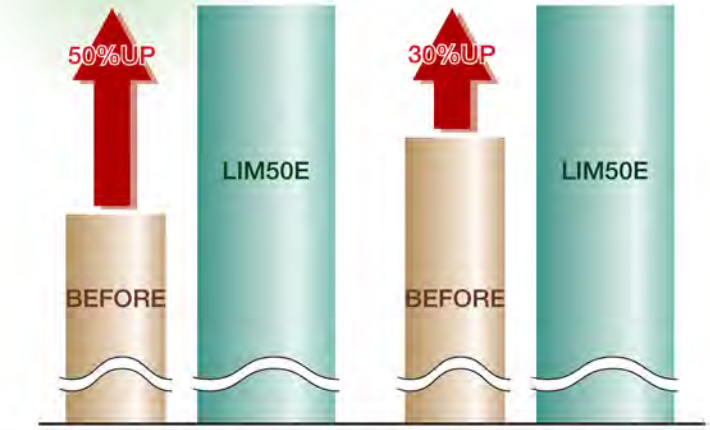
- SMART GRID
- ENERGY STORAGE SYSTEM
- INDUSTRIAL POWER SUPPLY SYSTEM
- UPS
- TELECOMMUNICATIONS
- INDUSTRIAL ELECTRIC VEHICLE

GS Yuasa's heritage in large format Lithium-ion stretches back to the early 90's. The LIM50E modules incorporate GS Yuasa's unique advanced battery technologies, experience, manufacturing expertise and commitment to quality.

CHARACTERISTICS

HIGH ENERGY DENSITY

- Compact and light weight.

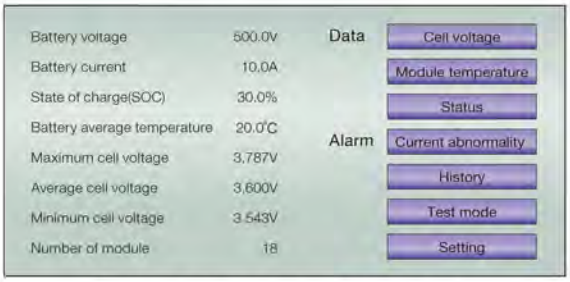


HIGH RELIABILITY

- GS Yuasa has manufactured large format Li-ion cells for more than a decade.
- Integrated battery monitoring unit communicates module status to guarantee system safety and dependability.

ROBUST BATTERY MANAGEMENT SYSTEM

- An optional touch-screen display allows users to monitor battery system details.



Touch screen user interface.

SPECIFICATION

	LIM50E-7G	LIM50E-8G
Nominal capacity	47.5 Ah	47.5 Ah
Nominal voltage	25.9V	29.6V
External dimensions	W×L×H = 180×412×135 mm	W×L×H = 215×414×135 mm
Mass	15.0kg	17.5kg
Maximum discharge current	300A	300A
Maximum charge current	125A	125A
Operating temperature	−10~45°C	−10~45°C
Monitoring system	● Monitor individual cell voltage ● Monitor module temperature ● Report overcharge, over discharge, abnormal temperature ● Perform cell balancing ● CAN 2.0 and RS485 with optional LIBM	

AWARDED JAPANESE QUALITY RECOGNITION BY POWER SYSTEM GROUP IN 2008

Kyoto factory:ISO14001 certified Dec 24,1997

ISO9001 certified JQA-1397

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