

# THE CLEAN & GREEN NUGEN POWER 2440

High Power, Fast Charge, 24Volt, Lithium Ion Smart Batteries designed for AGVs and the Material Handling Industry.



## NUGEN SYSTEMS IS REVOLUTIONIZING BATTERIES FOR MATERIAL HANDLING EQUIPMENT

The NuGen Power 2440 battery, designed for autonomous guided vehicles (AGVs) and other material handling equipment, presents many **cost, performance, and environmental improvements** over the traditional lead acid batteries.

### SMART BATTERY COMMUNICATION MODULE

- Monitoring and data storage for up to 8 Battery Modules
- Monitor battery status (SOC, SOH) and alarms locally or transfer to the host vehicle
- Host communications includes USB, CANopen, and optional Wi-Fi (802.11 b/g/n)
- General purpose IO and relay contacts
- MS Windows OS GUI

### SPECIFICATIONS

### NG2440

Nominal Voltage:	24 V
Nominal Capacity (1C/1C):	40 Ah
Dimensions:	10.1" x 7.1" x 7.3"
Weight:	25 lbs.
Depth of Discharge:	100%
Cycle Life (to 80% of initial, @100% DOD):	3,000 cycles
Max. Continuous Charge Current:	60 A
Max. Continuous Discharge Current:	60 A

### PERFORMANCE

Operating Temperature Range:	10° C to 50° C
Storage Temperature Range (6 Months):	-20° C to 35° C