

THE CLEAN & GREEN NUGEN POWER 2440 & 1280

High Power, Fast Charge, 24V or 12V, Lithium Ion Smart Batteries designed for AGVs, Material Handling Equipment and other Electrical Equipment Needs.



NUGEN SYSTEMS IS REVOLUTIONIZING BATTERIES FOR MATERIAL HANDLING EQUIPMENT

The NuGen Power 2440 and 1280 batteries, designed for autonomous guided vehicles (AGVs), material handling equipment, and other electrical equipment needs, present 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	NG1280
Nominal Voltage:	24 V	12 V
Nominal Capacity (1C/1C):	40 Ah	80 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