



**Reliable, long-lasting battery for your
Emergency Lighting Systems**

Recharge
with **GP**

Self-contained Emergency Lighting (e-Light) Systems

In case of emergency, a reliable luminaire is critical in every facility's safety programme. LED lighting systems can be substitutes for traditional fluorescent lights. However, a mature and safe battery chemical platform is still a recommend backup power option. Environmentally friendly battery options are even more preferred for better performance, which makes GP "Endurance and Longer Life series" NiMH batteries the ideal solution for new e-Light systems.



e-Light Environment Requirements

The e-Light working environment requires the battery to be constantly charged at an elevated temperature so as to cope with unexpected power failures or emergency situations. Specially designed "Endurance and Longer Life Series" NiMH batteries work even better in this case besides offering a long service life that slashes the frequency of replacement leading to a lower overall cost of ownership. For maximum performance and guaranteed user satisfaction, e-Light NiMH packs must employ consistent cells parameters of high quality and safety particularly in multiple cell packs. The included low self-discharge features lowers the over-discharge damage risk during the long idle periods.



GP Batteries e-Light Solutions

GP Batteries, with over 15 years of e-Light battery manufacturing experience, maintains the provision of quality batteries with consistency and reliability from automated production with 100% Real-Time Monitoring. GP's performance records are supported by field data of deployed packs and the industry standard testing, Permanent Charge Endurance Test (PCET). Technical support and custom pack creation are on offer.

GP Batteries Ni-MH Endurance and Longer Life series battery solutions offer:

Nominal Voltages	1.2V to 12V
Capacities & Sizes	600mAh (AAA size) to 7000mAh (D size)
Discharge Rates	0.25C to 0.6C (Typical)
Service Life	Up to 10 years
Ambient Temperature	Up to 50°C continuous
Battery Performance Standards	(IEC 61951-2, IEC 60598-2-22, ICEL 1010)
Battery Safety Standards	(IEC 62133, UL 2054)
Battery Directive	(2006/66/EC)
REACH Directive	(1907/2006/EC)



WORLDWIDE HEADQUARTERS

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