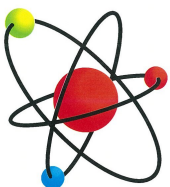
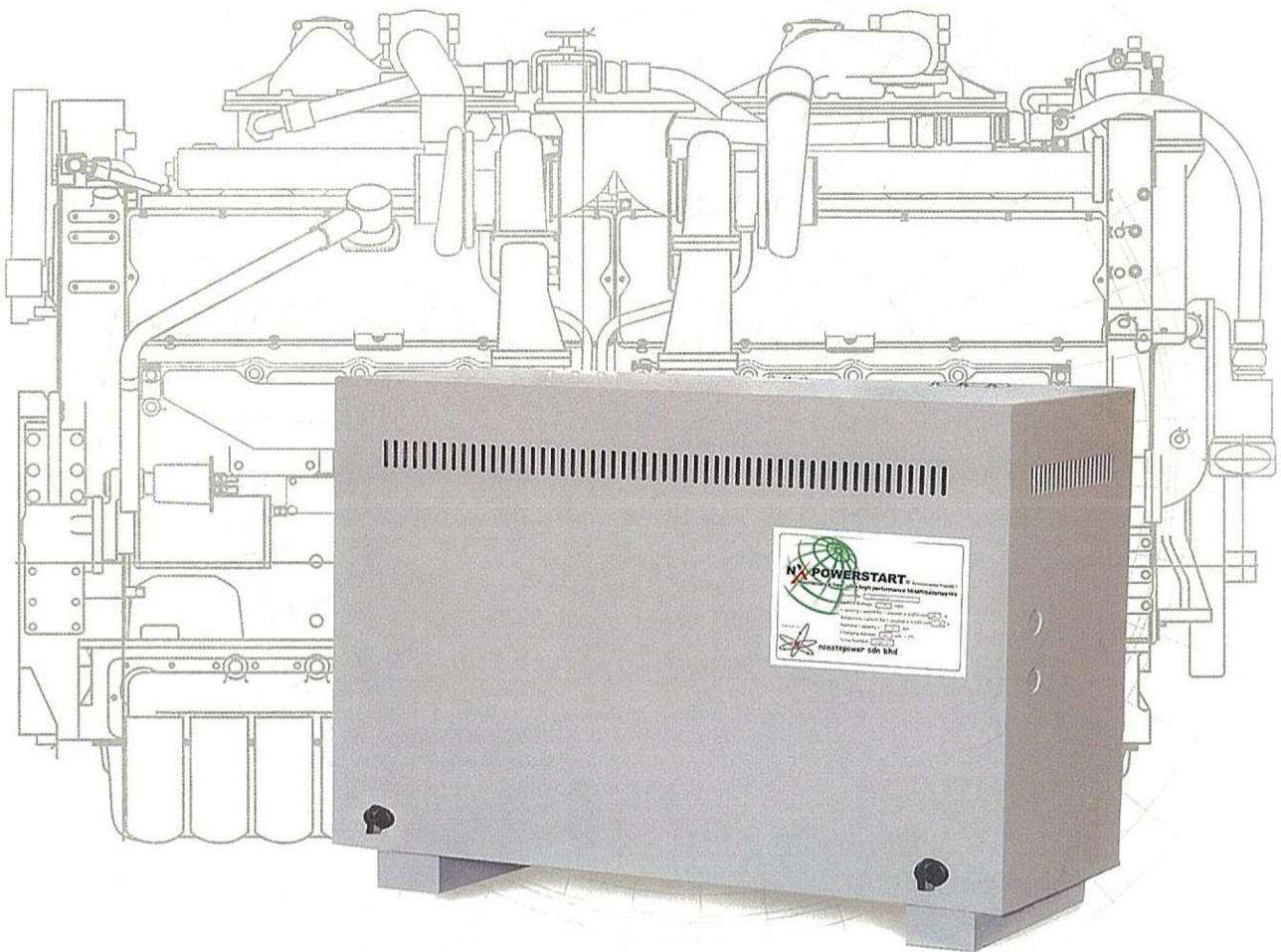




NX POWERSTART® Environmental Friendly

Maintenance free, ultra high performance NI-MH batteries



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Ultra Powerful assurance for engine starting application

NX POWERSTART is where vital engine starting for emergency back-up duties need guaranteed instant power. The built-in reliability of nickel foam / NPPS technology Nickel Metal Hydride battery packs complete with auto charge control system provides you cost-effective, trouble-free service with extended long life span.

Environmental friendly, non-toxic

NX POWERSTART innovative design incorporate 3rd generation ultra high performance nickel metal hydride batteries serve to preserve our environment with unbeatable technical advantages as compare with other bulky, healthy harming battery systems commonly used in the market.

Ultra High performance – best for engines

NX POWERSTART deliver more than eleven (11) times the discharge capacity compared to traditional high rate nickel cadmium battery with 5C discharge rate to an end voltage of 1.0 volt per cell.

Superior reliability

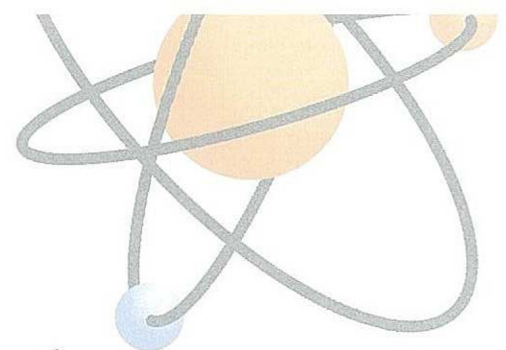
NX POWERSTART with Parallel Redundant design, maintenance and corrosion free, simple single rate charging with auto charge control ensures cost-effective and trouble-free service during it's life span. There is no risk of sudden death battery.

Perfect battery sizing

NX POWERSTART designed with modular battery packs ensured perfect battery sizing for various engine range, field upgradeable and excellent delivery time during emergency.

Maintenance free for life

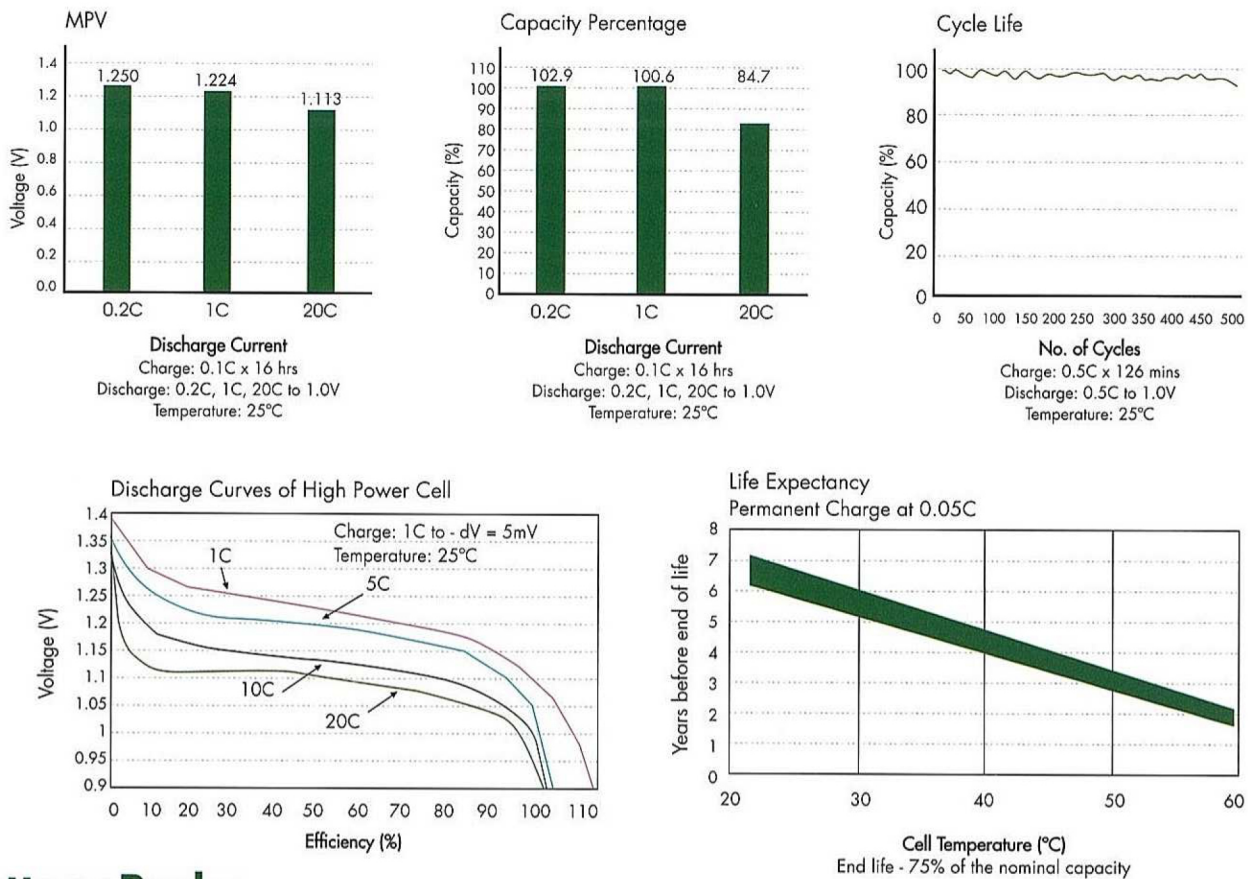
NX POWERSTART equipped with valve regulated gas recombination nickel metal hydride battery technology do not require periodical checking of battery electrolyte level, topping up and corrosion treaments, hence reduce operating cost to a very minimum.



nonstopower

Performance Characteristics

Single Cells



Battery Packs

High power series

High power series is specially customized for powerful delivery of electrical energy on demand. It was developed through an intergration of comprehensice NiMH battery technology. Improvements in the positive and negative electrode technology, and in the current collecting system have further lowered the internal resistance and greatly enhance the 20C discharge characteristics of the high power series batteries.

Excellent high current discharge characteristics

It is designed to meet the need for high current discharge, such as for engine cranking and can delivere a high current exceeding 20C.

Reliable, long cycle life

In addition to excellent high rate discharge performance, high power series batteries also provide thousands of charge/discharge cycles, showing reliable cycle life characteristics.

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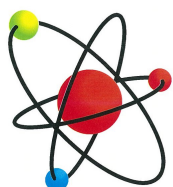
Battery Specifications

Battery Packs

Model No.	Nominal Voltage (V)	Capacity* AH at 1 hour rate	Weight (kg)	Cranking Current (A) 90 seconds @ V min 0.85V/cell	Breakaway Current (A) 1 seconds @ V min 0.65V/cell	Dimension (mm) H x W x D
NXP 12 H10X	12	12	16.5	230	460	520 x 330 x 260
NXP 18 H10X	12	18	18.1	345	690	520 x 330 x 260
NXP 24 H10X	12	24	19.8	460	920	520 x 330 x 260
NXP 30 H10X	12	30	28.4	575	1150	520 x 600 x 260
NXP 36 H10X	12	36	30.1	690	1380	520 x 600 x 260
NXP 42 H10X	12	42	31.7	805	1610	520 x 600 x 260
NXP 12 H20X	24	12	20.5	230	460	520 x 330 x 260
NXP 18 H20X	24	18	24.1	345	690	520 x 330 x 260
NXP 24 H20X	24	24	27.8	460	920	520 x 330 x 260
NXP 30 H20X	24	30	38.4	575	1150	520 x 600 x 260
NXP 36 H20X	24	36	42.0	690	1380	520 x 600 x 260
NXP 42 H20X	24	42	45.7	805	1610	520 x 600 x 260
NXP 48 H20X	24	48	49.3	920	1840	520 x 600 x 260
NXP 54 H20X	24	54	53.0	1035	2070	520 x 600 x 260
NXP 60 H20X	24	60	56.6	1150	2300	520 x 600 x 260
NXP 66 H20X	24	66	66.4	1265	2530	520 x 900 x 260
NXP 72 H20X	24	72	70.1	1380	2760	520 x 900 x 260
NXP 78 H20X	24	78	73.7	1495	2990	520 x 900 x 260
NXP 84 H20X	24	84	77.4	1610	3220	520 x 900 x 260
NXP 90 H20X	24	90	81.0	1725	3450	520 x 900 x 260
NXP 96 H20X	24	96	98.6	1840	3680	520 x 1200 x 260
NXP 102 H20X	24	102	102.3	1955	3910	520 x 1200 x 260
NXP 108 H20X	24	108	105.9	2070	4140	520 x 1200 x 260

Remarks: *Capacity test condition: charge at 0.1C for 16 hrs. rest 15 mins, then discharge at 1C to 1.0V per cell.

Specification subject to change without prior notice for product improvement.



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