

Hawker Energy Products

The most advanced Sealed Aircraft Battery

37Ah



Sealed battery,
no maintenance

-

High power engine
start capability

-

Fully aerobatic

-

Long life -
pure lead grids

-

Long storage life,
charged

-

Unrestricted
transportation -
even when charged

-

Vents and thermal
sensors not required

-

Direct busbar
connection

-

Recovers from
deep discharge

Description

The Hawker Sealed Aerobatic aircraft battery has been designed for high power and long life to meet a wide variety of Military and civil requirements. Hawker Energy's unique pure lead grids and recombination technology gives long shelf-life and only a volts check is normally required before fit-to-aircraft. Together with unrestricted air, sea and land transportation this minimises AOG problems. Many operators use a

2 year 'fit-and-forget' policy but maintenance when required is simple and quick - only visual inspection and capacity test - and no dedicated battery shop is needed. They can even be serviced in a Ni-Cd shop.

Hawker batteries have extreme resistance to thermal runaway and can be fitted direct to the DC busbar at all normal voltages without thermal sensors being necessary.

Battery Data

NOMINAL VOLTAGE

24V

NOMINAL CAPACITY

37Ah (EUR)*

35Ah (US)**

MASS

38 Kg (Civil to BS 6G205)

40 Kg typical Military

INTERNAL RESISTANCE

8.6 mΩ @ +25°C (+77°F)

11.2 mΩ @ -18°C (0°F)

14.4 mΩ @ -30°C (-22°F)

MAXIMUM POWER

(Ipr to EN60952)

17.4 KW @ +25°C (+77°F)

13.6 KW @ -18°C (0°F)

10.8 KW Ω @ -30°C (-22°F)

ALTITUDE RATING

-457 to +21,336 m

-1,500 to +70,000 ft

106.94 to 4.44 KPa

QUALIFICATIONS

BS 6G205 (CAA E14193)

MIL-B-8565

prEN3199

Specific DA Approvals

*European Rating - 1 hour to 20V @ +20°C (+68°F). **USA Military Rating - 1 hour to 18V @ +21°C (+70°F) at end of life

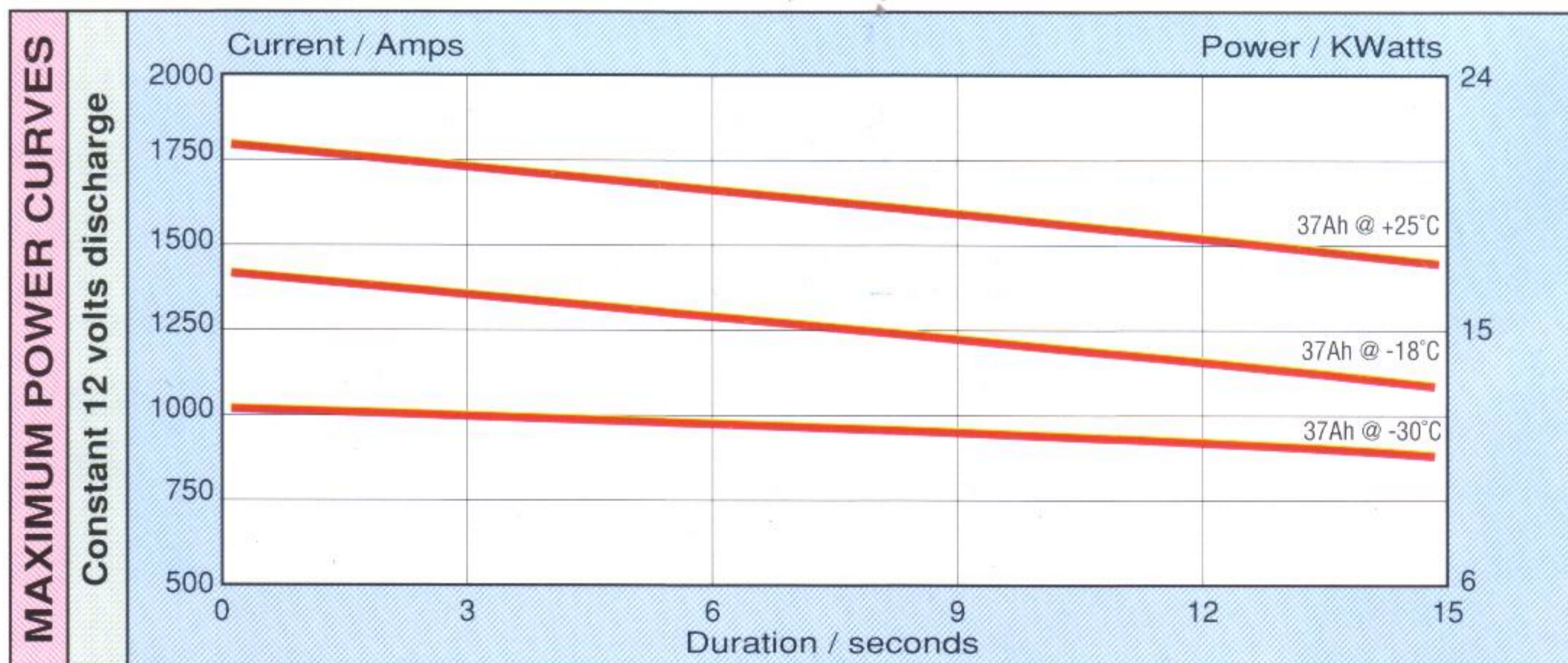
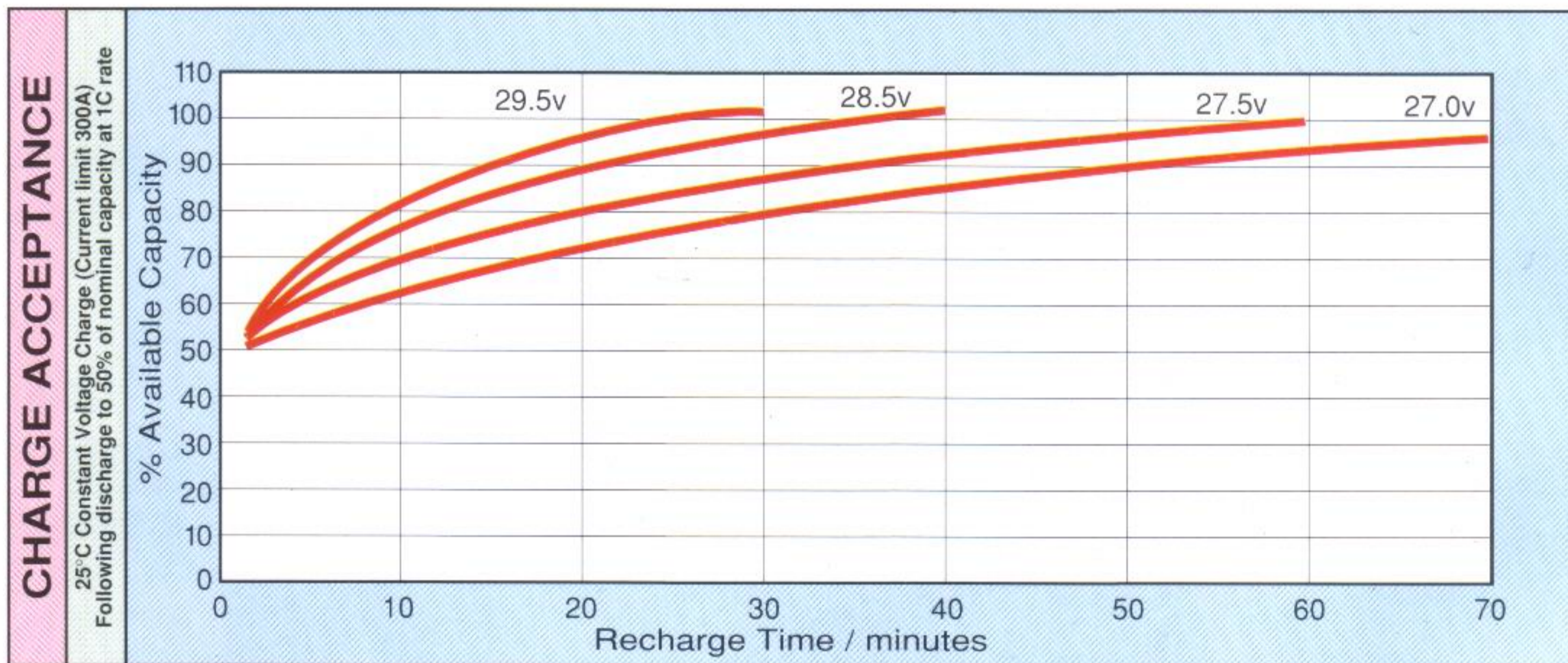
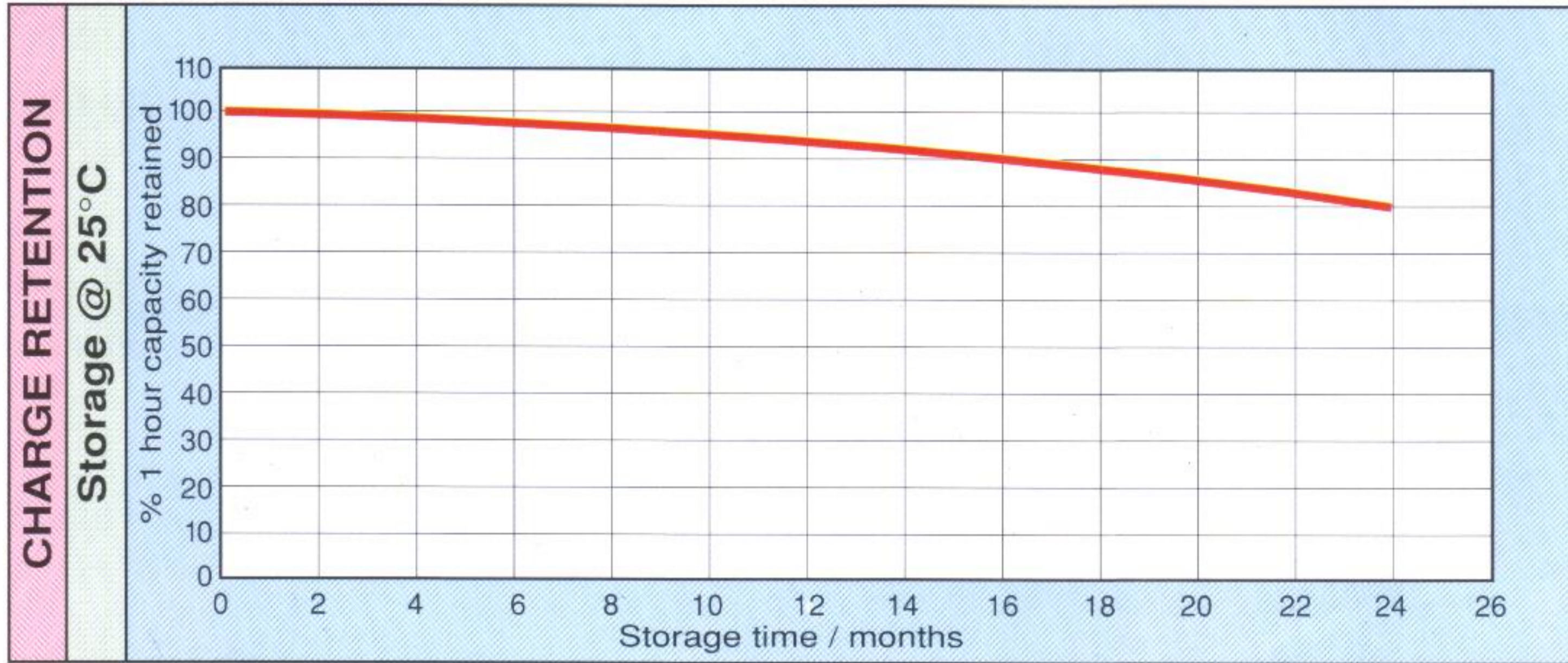


the source of powerful solutions

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37Ah

Typical Data



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