

Ni-MH 30 Ah

Long-life at high-temperature retrofit battery for distributed-power subscriber-loop applications

Saft's Ni-MH 30 Ah battery makes retrofit of VRLA in distributed-power (DP) cabinets not just possible but easy. Extended battery life and top reliability means guaranteed 8-hour backup of subscriber loops (SLC) and thus higher QoS.

The Nickel-Metal Hydride battery will readily retrofit any type of DP battery compartment



Saft's Ni-MH 30 Ah battery system in 80-DP shelf configuration

Enclosure	Power Unit (Channel Bank)	
	Series 5 (SLC5)	Series 3A/3B (SLC96)
80-DP cabinets	x	x
Type 51 cabinet	x	n/a
Type 36 cabinet	n/a	x
23" rack	x	x

Features

- >8-year life at constant +37°C (+100°F)
- No sudden-death
- Fully compatible with DP power units
- Modular assembly (4 blocks 12 V each, 1 charger/controller)
- Plug-in connectors for tool-free installation
- Sealed-cell design

Benefits

- No labor on battery for 8 years
- Zero maintenance
- Same P/N for all SLC types
- 2-year ROI, on average
- Improved QoS

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Doc N° 21531-2-0904

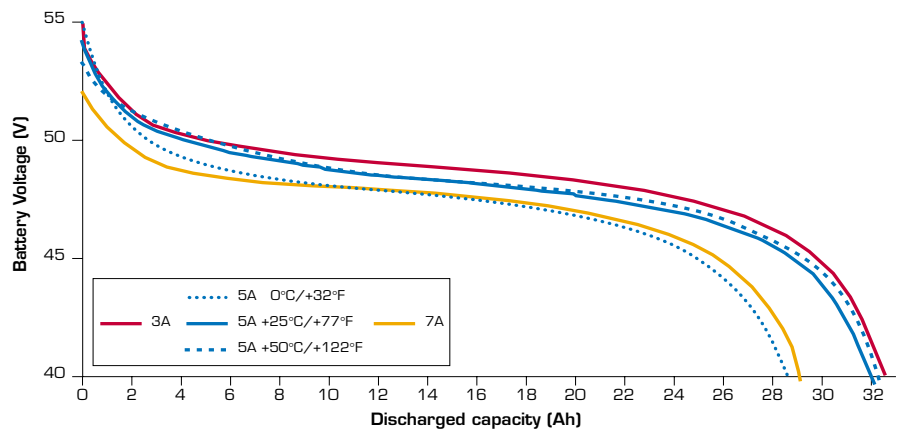
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Société anonyme au capital de 31 944 000 €
RCS Bobigny B 383 703 873

Pragma - Printed in France - 1k

September 2004

Discharge characteristics



Nominal characteristics

Nominal C ₈ capacity* (Ah)	30
Nominal voltage (V)	48

Mechanical characteristics

Overall dimensions (mm)	W 420 x D 240 x H 190
Total weight (kg)	33

Electrical characteristics

Voltage window (cutoff - float) (V)	44 to 56
Max continuous discharge current (A)	15
Recharge time (h)	≤ 24

Operating conditions

Temperature range (°C/°F)	-10°C to +70 °C/ -14°F to +158 °F
Lifetime at +37°C/+100°F (years)	8

*[Ufloat 56 V Ucutoff 44 V; 3 A; +25°C/+77°F]

Charger/controller unit

Built-in state of health indicator enables preventive but not premature battery replacement at end of life.

Industrial vision

Saft's Ni-MH 30 Ah battery is built from proven subcomponents that are manufactured for demanding and critical emergency lighting applications. As world leader in this market, Saft has the industrial capability and experience to deliver large quantities of Ni-MH based systems at the very highest standards of quality.

