

Saft Sun+ Ni-Cd Batteries



Saft Sun+ Ni-Cd Batteries are the first choice for solar systems when performance in cold conditions, a long lifetime, and a low life cycle cost is the target. The battery chemistry is ideal for solar applications with a very low daily discharge and only one major discharge per year in the winter. The modular design offers good flexibility to build battery banks to suit customer needs. The Saft Sun+ batteries have a proven track record of performance since the 1970's in demanding industrial applications.

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Description

[Features](#)

Saft Sun+ Ni-Cd Batteries features:

- Lifetime expectancy in excess of 20 years, up to 8000 cycles to 15 %
- Battery design and gas recombination pocket optimised for photovoltaic applications
- Limited maintenance, typically once every four years
- Excellent performance in temperatures below -20°C (-4°F)
- Temperature range -50°C to +70°C (-58°F to 158°F)
- Resistant to over- and undercharging and complete discharge

- No premature capacity loss (sulphation) when cycled at low state of charge
- Large capacity range 45 Ah – 1110 Ah
- Used batteries are returned to manufacturer for 100 % recycling

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