

# NICKEL CADMIUM BATTERIES

## Rate discharge:

SBLE, SBM and SBH offer different performance characteristics and cover a wide capacity range, enabling selection of a Saft Ni-Cd battery for any application.

### L type

The L type has the thickest plates and is designed for applications where the battery is required to provide

- a reliable source of energy over long discharge periods.
- a current that is relatively low in comparison with the total stored energy.
- discharges are generally infrequent
- L type is typically used in power - backup and bulk energy storage applications.

(Ah From 7.5 To 1660)

### M type

The M type is designed for applications where the batteries are usually required to sustain

- electrical loads for between 30 minutes to 3 hours
- “mixed” loads which involve a mixture of high and low discharge rates.
- frequent or infrequent discharges

- M type is typically used in power backup applications.  
(Ah From 11 To 1390)

### H type

The H type uses very thin plates and is designed for applications demanding:

- a relatively high current over short periods
- usually less than 30 minutes duration
- frequent or infrequent discharges.

H type is typically used in starting and power back up applications.  
(Ah From 8.3 To 920)

