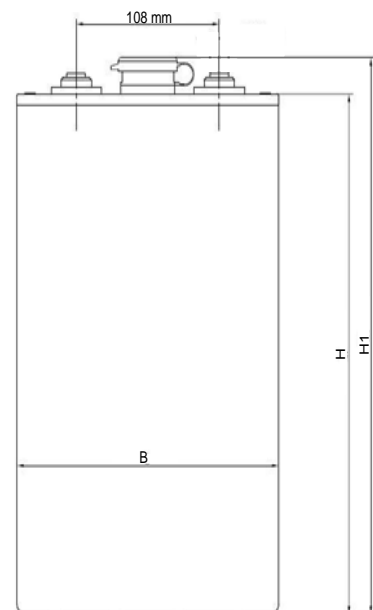
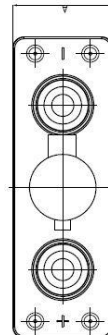


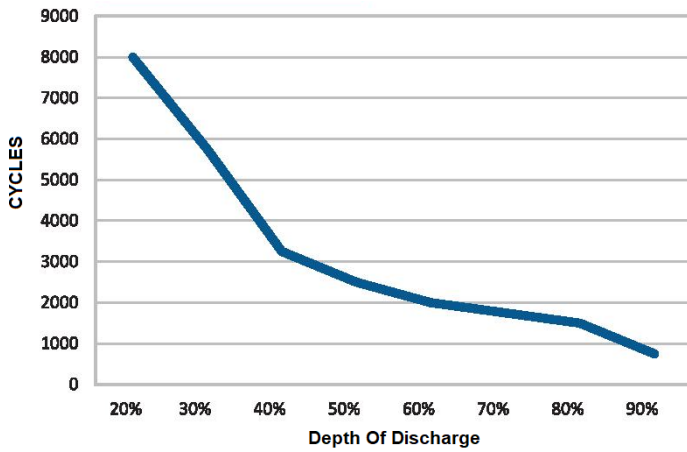
Specification	
Nominal voltage	2 V
Capacity @ 25°C	902AH @ 120hr F.V. = 1,85 V/cell 778AH @ 24hr F.V. = 1,80 V/cell 647AH @ 10hr F.V. = 1,75 V/cell
Cell condition	Wet & Charged
Weight (dry)	27,7 kg ± 5%
Weight (wet)	38,3 kg ± 5%
Dimensions	
Width (A)	119 mm
Length (B)	198 mm
Height (H)	613 mm
Height (H <sub>1</sub> )	643 mm
Cell properties	
Container material	PP
Box / Lid color	Translucent / Blue
Terminal type / size	Bolt-on / M10
Separators	PE Envelope type
Vent Plug type	Push fit vent plug
Electrolyte s.g. at 25 °C	1.24 ± 0.005 g/cm <sup>3</sup> (fully charged)
Number of (+) / (-) plates	5 / 6

Characteristics	
Operating temp. range	Charge, discharge: 15 – 35°C Storage: 5 – 40°C
Cycle life @ 25°C	6000 cycles for 30% DoD 2600 cycles for 50% DoD 1550 cycles for 80% DoD
Charging Voltage / Current	Float : 2,40V ± 0,02 Vpc Boost : 2,50 ± 0,02 Vpc – I <sub>max</sub> = 0,2 C <sub>10</sub> I <sub>min</sub> = 0,1 C <sub>10</sub> Equalize : 2,45V ± 0,02 Vpc I <sub>max</sub> = 43 A Time = 6 h
Capacity affected by temperature	105% at 35°C 100% at 25°C 88% at 0°C
Storage time	Max. 6 months at 25°C Max. 2 months at 30 °C Max. 1 month at 40°C
Applicable Standards	IEC 61427, IEC 60896 - 11

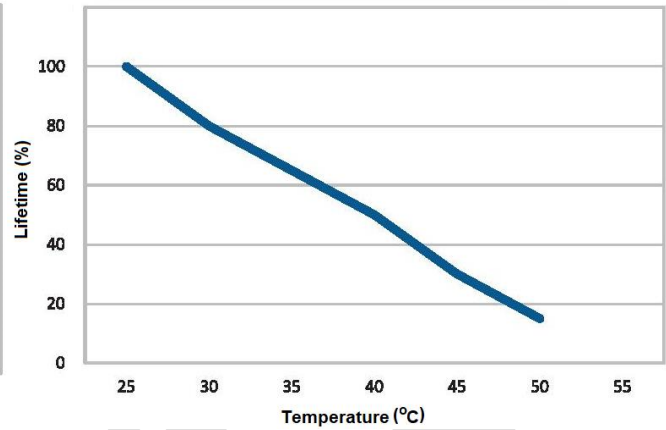


## Performance Curves

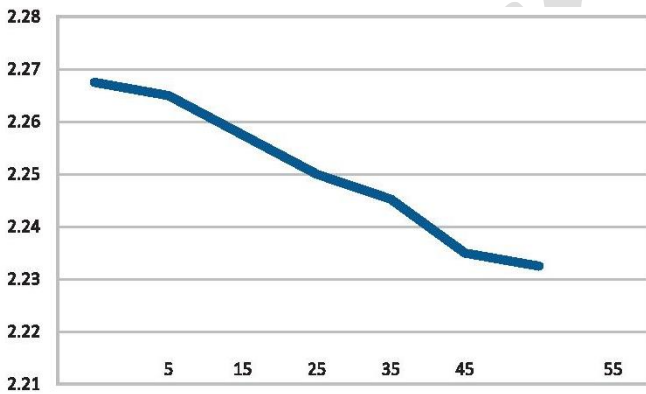
### Cycle Life vs D.o.D.



### Lifetime vs Temperature



### Float Voltage vs Temperature



### Performance vs Temperature

