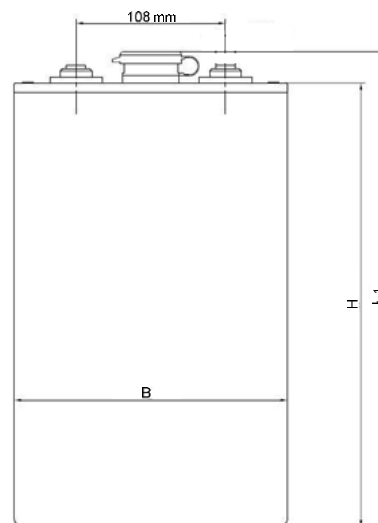
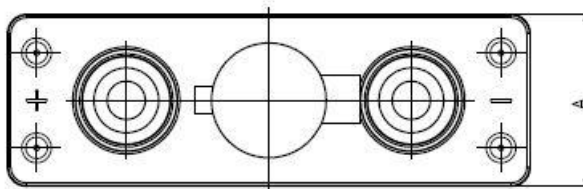


Cell type (DIN)	4JPOPzS500	Cell type (JP)	4TO500
		Product code	361 4TO 500 030

Specification	
Nominal voltage	2 V
Capacity at 20°C	500 Ah 10hr to 1,8 V/cell
Charge condition	Wet
Weight without acid	22,0 kg ± 5%
Weight with acid	30,5 kg ± 5%
<i>Dimensions (see on drawing)</i>	
Width (A)	101 ± 2 mm
Length (B)	198 ± 2 mm
Height (H)	608 - 2 mm
Total height (H₁)	628 - 2 mm
Container material	PP
Box color	Translucent
Lid color	Green
Terminal pole type	Bolt-on
Bolt size	M10
Electrolyte spec density at 30°C	1.24 ± 0.01 g/cm ³
Cell properties	
Number of + plates	4
Number of - plates	5

Characteristics	
Rated cap. 20°C	500Ah/50A (10h, 1.80V/cell)
Rated cap. 25°C	650Ah/6,5A (100h, 1.85V/cell)
Operating temp. range	Charge, discharge: 15 – 35°C Storage: 5 – 40°C
Cycle life	2000 cycles for 60% DoD at 20°C
Design life	up to 15 years (stand-by float)
Charging	IU – characteristic - I _{max} without limitation Float voltage - U=2,23V/cell ± 1% Boost charge - U=2,35 to 2,40V/cell
Capacity affected by temperature	105% at 35°C 100% at 20°C 88% at 0°C
Self discharge	Less than 3% C5 per month at 20°C
Storage time	Max. 3 months at 20°C Max. 2 months at 30 °C Max. 1 month at 40°C
Construction	<ul style="list-style-type: none"> • Tubular positive plate with low antimony alloy • Flat negative plates with long life expanders • Microporous separator 3,3 mm • Pole sealing: rubber seal • Pole screw: M10, insulated • Connector: flexible insulated copper cable



Performance Curves

