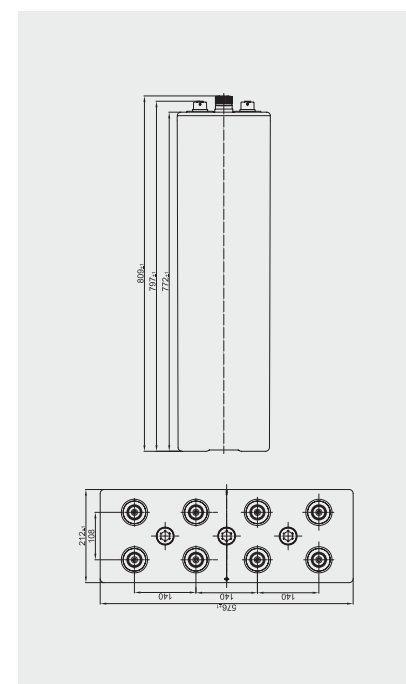




# OPzS Battery 2V 24 OPzS 3000

## Technical Characteristics

Battery Cell Capacity (Ah), C10 (1,8V/cell, 20°C)	3000
Plate Capacity (Ah), C10 (1,8V/cell, 20°C)	125
Number of plates (+) per cell	24
Content in Antimony of positive plates	1.6%
Nominal voltage of battery cell (V)	2
Electrolyte density for fully charged state at 25°C (gr/ml)	1.24
Floating voltage set point (V/cell)	2.23
Floating voltage tolerance from set point	+/-0.02V(2.21-2.25)
Single cell floating voltage tolerance from set point	+0.1V-0.05V (2.18-2.33)
Initial charge current (A)	300
End of charge Voltage (V/cell)	2.35 to 2.40
Recommended End of Discharge voltage for 10-hr rate (V/c)	1.8
Recommended End of Discharge voltage for 1-hr rate (V/c)	1.65
Short circuit current of the battery cell (A)	18470
Internal resistance of battery cell (mΩ/cell)	0.112
Tolerance in cycle for 80% discharge	1000
Self-discharge rate per month	<2.5%
Efficiency factor KWh	85%
Efficiency factor Ah	95%
Dimensions of battery cell in mm (LxWxH)	576x212x809
Weight of battery cell:	
• Without electrolyte (Kg)	158.0
• With electrolyte (Kg)	230.0
Type and number of poles	M10 / 8



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