



24STG125 - 24OPzV3000

DIMENSIONAL FEATURES

Nominal Voltage Nominal Capacity (10 hours)		2V 3000Ah (1,80Vfin) at 20°C	Stationary Cell GEL (OPzV) Device regulated with valve VRLA Tubular positive plates and flat negative plates High porosity sheaths Electrolyte immobilized in gel Device against flames; box and lid in ABS FV0 Connection copper (Cu) section: 3x30mm No maintenance-no water refilling Wide range of applications Design Life 20 years (at 20°C) Lifetime @60% DOD (C10) @20°C : 2400 cycles Standards: CEI IEC EN 60896 Parts 21 and 22
Dimensions	Length	212 ±2mm	
	Width	576 ±2mm	
	Box Height	772 ±2mm	
	Total Height	796 ±2mm	
Technical Drawing n° 4 00311-0		Weight 240,0 Kg ± 5%	
Standard Terminals		Bolt Type: M10	
			Bolt-and-nut terminal Bolt Type: M10 <p>(in mm)</p>

ELECTRIC FEATURES

Characteristics			Charging curves @ 20°C	
Capacity	10 hours (1,8Vfin pc at 20°C)	3000,00Ah		
	8 hours (1,75Vfin pc at 20°C)	2797,68Ah		
	5 hours (1,7Vfin pc at 20°C)	2428,55Ah		
	3 hours (1,7Vfin pc at 20°C)	2326,87Ah		
	1 hour (1,6Vfin pc at 20°C)	2015,99Ah		
Capacity affected by temperature	40°C	102%		
	20°C	100%		
	0°C	85%		
Internal Resistance 0,11 mΩ±10%		SCC 16000 A ±10%		
Charging Voltage	Standby use	Max Charge Current 600 A Floating Voltage 2,23V at 20°C Boosting Charge 2,35V at 20°C Temperature Coefficient -3 mV/°C		

Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 20°C

V _{fin} /Time	30 min	60 min	90 min	2 h	3 h	5 h	8 h	10 h	100 h	120 h	
1,65V	A	2754,00	1871,99	1547,14	1040,00	801,43	514,86	360,00	315,00	40,76	34,58
	W	3417,86	2899,79	2474,88	2083,62	1640,51	1108,23	774,90	645,75	78,55	66,89
1,70V	A	2661,43	1791,99	1492,86	1002,86	775,62	510,00	356,57	312,00	41,15	34,91
	W	3301,01	2775,86	2388,05	2009,21	1580,86	1097,78	767,52	639,60	79,31	67,54
1,80V	A	2314,29	1599,99	1357,14	928,57	728,57	485,71	342,86	300,00	39,57	33,57
	W	2921,25	2478,45	2170,95	1860,38	1491,38	1045,50	738,00	615,00	76,26	64,94