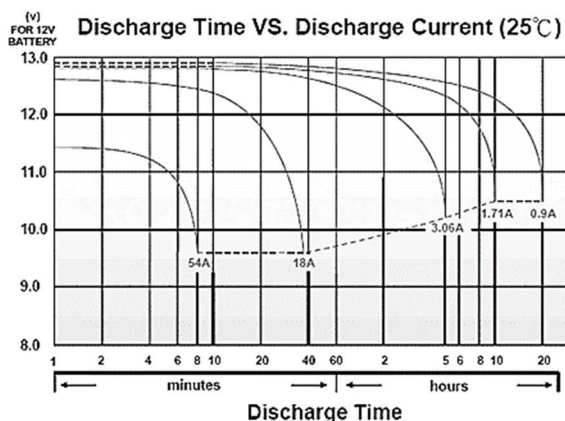
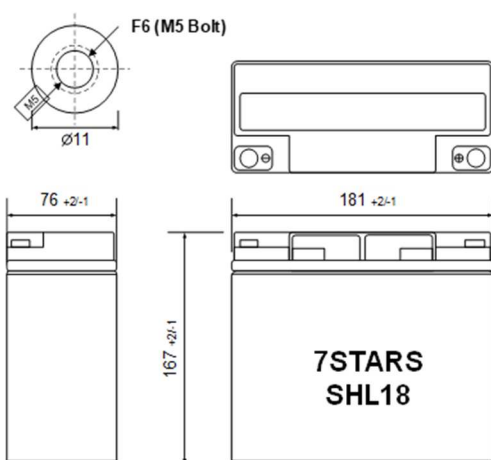


VALVE REGULATED LEAD ACID BATTERIES – AGM



Nominal Voltage Type 12 V
AGM VRLA

Nominal Capacity

20 hours rate	18Ah
10 hours rate	17,1Ah
5 hours rate	15,3Ah
1C	11,4Ah
3C	7,2Ah

Weight 5.6kg

Internal Resistance 10.5mΩ@1kHz

Maximum Discharge Current for

5 sec.	275A
Short Circuit	540A

Operating Temperature Range

Charge	-15°C ÷ 40°C
Discharge	-15°C ÷ 50°C
Storage	-15°C ÷ 40°C

Charge Retention (shelf life) at 20°C

1 month	92%
3 months	90%
6 months	80%

Charging Methods at 20°C

Max. Charging Current	5.4A
Charging Voltage	
Cycle use:	14.4 ÷ 15.0V
Standby use:	13.5 ÷ 13.8V
Thermal Coeff. Cycle/St.By	-5.0/-3.0 mV/°C/cell

Life expectancy

Cycle Use

100% depth of discharge	200 cycles
50% depth of discharge	500 cycles
30% depth of discharge	1000 cycles

Standby Use 10/12 years Long Life (EUROBAT)

Case Material ABS UL94 HB

Terminal F6 (M5 Bolt)
Torque value (Max.)

Standards and Certifications: CE, IEC 62056-1, IEC 60896-21-1, IEC 60896-22-1, IEC 61000-6-1, IEC 61000-6-3

Constant Power Discharge Characteristics (25°C) [Watt]

Cut Off	Time										
	5'	10'	15'	30'	1H	2H	3H	4H	5H	10H	20H
11.1V	593	402	343	196	113	71,4	52,5	39,8	34,9	20,4	10,6
10.8V	696	463	387	211	119	74,4	54,6	41,6	36,3	21,1	11,0
10.5V	768	507	416	226	124	76,2	56,0	42,7	37,0	21,6	11,3
10.2V	810	535	435	236	128	78,6	57,2	43,6	37,6	22,0	11,5
10.0V	822	541	440	239	129	79,2	57,6	43,9	37,8	22,1	11,6
9.9V	834	550	445	242	131	79,8	58,1	44,3	38,1	22,3	11,7
9.6V	846	557	451	245	133	81,0	58,7	44,8	38,5	22,5	11,8

Due to continuous product improvement, the design and specifications are subject to change without prior notice.