

## VALVE REGULATED LEAD ACID BATTERIES – AGM



**Nominal Voltage Type** 12V  
AGM VRLA

**Nominal Capacity**

20 hours rate	26Ah
10 hours rate	24.7Ah
5 hours rate	22.1Ah
1C	14.7Ah
3C	10.4Ah

**Weight** 9.3kg

**Internal Resistance** 9.5mΩ@1kHz

**Maximum Discharge Current for**

5 sec.	390A
Short Circuit	780A

**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**

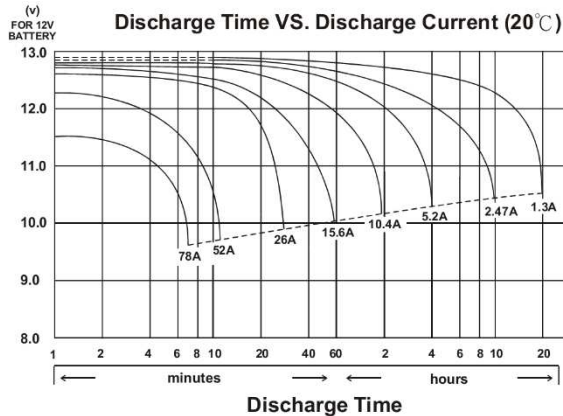
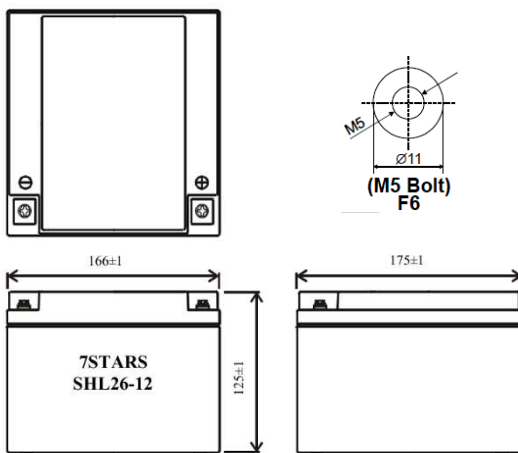
Max. Charging Current	7.8A
Charging Voltage	
Cycle use:	14.4 ÷ 15.0V
Standby use:	13.5 ÷ 13.8V
Thermal Coeff. Cycle/St.By	-5.0/-3.0 mV/°C/cell

**Life expectancy**

<b>Cycle Use</b>	
100% depth of discharge	200 cycles
50% depth of discharge	500 cycles
30% depth of discharge	1000 cycles
<b>Standby Use</b>	10/12 years Long Life (EUROBAT)

**Case Material** ABS UL94 HB

**Terminal** F6 (M5 Bolt)  
Torque value (Max.) 4Nm (6Nm)



**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	882	648	472	254	181	115	76,8	61,8	52,5	32,5	15,7
10.8V	966	684	504	272	190	119	79,2	63,0	53,4	33,1	16,1
10.5V	1 038	714	529	283	194	121	80,4	64,2	53,9	33,5	16,4
10.2V	1 110	750	553	292	197	124	81,6	64,8	54,4	34,0	16,7
10.0V	1 146	768	565	297	199	125	81,6	65,4	54,6	34,1	16,8
9.9V	1 176	786	576	302	201	126	82,2	65,4	54,9	34,3	16,9
9.6V	1 248	810	597	308	203	127	82,8	66,0	56,2	34,5	17,0

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