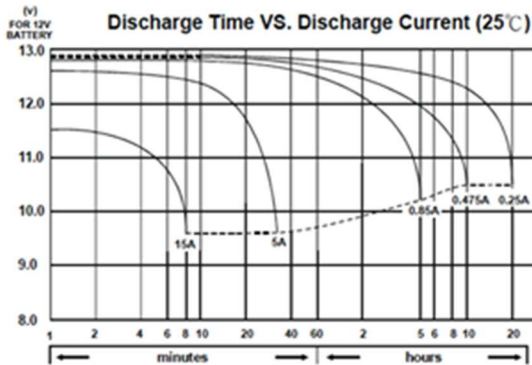
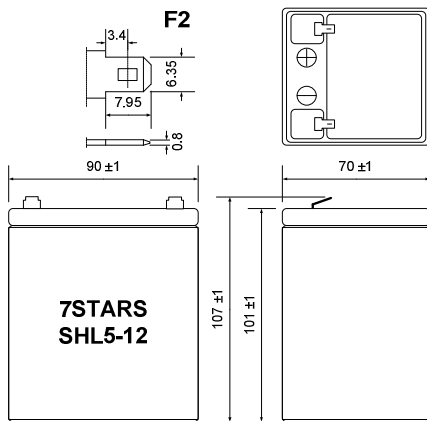


VALVE REGULATED LEAD ACID BATTERIES – AGM



Nominal Voltage 12 V
Type AGM VRLA

Nominal Capacity
20 hours rate 5Ah
10 hours rate 4.8Ah
1C 2.8Ah
3C 2.0Ah

Weight 1.9kg

Internal Resistance 19mΩ@1kHz

Maximum Discharge Current for
5 sec. 75A
Short Circuit 150A

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 1.5A
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 years / Long Life (EUROBAT)

Case Material ABS UL94 HB

Terminal F2 (wide)

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

Cut Off	Time										
	5'	10'	15'	30'	1H	2H	3H	4H	5H	10H	20H
11.1V	218	154	118	67,2	35,7	18,8	15,2	12,1	10,4	6,06	3,18
10.8V	237	166	127	70,2	37,6	20,3	16,3	12,9	11,2	6,54	3,43
10.5V	249	175	131	72,6	38,8	21,2	17,1	13,6	11,7	6,90	3,62
10.2V	261	181	135	75,0	40,2	21,9	17,8	14,0	11,9	7,02	3,69
10.0V	266	184	137	76,2	40,9	22,3	18,1	14,2	12,0	7,08	3,72
9.9V	273	188	139	76,8	41,6	22,8	18,4	14,4	12,1	7,14	3,75
9.6V	282	194	142	77,4	42,4	23,5	18,9	14,7	12,3	7,26	3,80

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