

SHL 5 - 12



SPECIFICATION

Nominal Voltage (V)	12V
Nominal Capacity	
20 hours rate	5Ah
10 hours rate	4.75Ah
5 hours rate	4.25Ah
1C	2.83Ah
3C	2.0Ah
Weight	1.9kg
Internal Resistance	19mΩ@1kHz
Maximum Discharge Current for	
30 sec.	-
5 sec.	75A

Operating Temperature Range	
Charge	0°C ÷ 40°C
Discharge	-15°C ÷ 50°C
Storage	-15°C ÷ 40°C

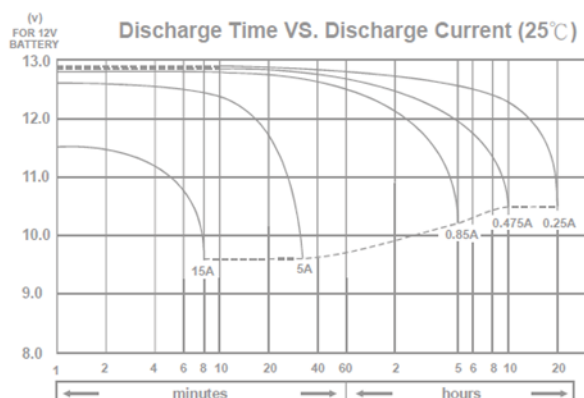
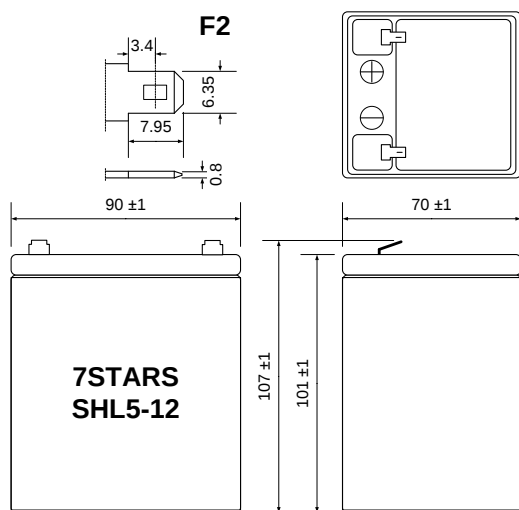
Charge Retention (shelf life) at 20°C	
1 month	92%
3 month	90%
6 month	80%

Charging Methods at 20°C	
Cycle use:	
Charging Voltage	14.4 ÷ 15.0V
Max. Charging Current	1.5A
Standby use	
Float Charging Voltage	13.5 ÷ 13.8V

Life expectancy	
Cycle Use	
100% depth of discharge	200 cycles
80% depth of discharge	225 cycles
50% depth of discharge	500 cycles
Standby Use	10 years

Case Material	ABS
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Terminal	F2
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Constant Power Discharge Characteristics (25°C) [Watt]

Cut Off	Time										
	5 min.	10 min.	15 min.	30 min.	1 hour	2 hours	3 hours	4 hours	5 hours	10 hours	20 hours
V											
11.1	218	154	118	66.9	35.7	18.8	15.2	12.1	10.4	6.05	3.18
10.8	237	166	127	70.3	37.6	20.3	16.3	12.9	11.2	6.53	3.43
10.5	249	175	131	72.7	38.8	21.2	17.1	13.6	11.7	6.89	3.62
10.2	261	181	135	75.1	40.2	21.9	17.8	14.0	11.9	7.02	3.69
10.0	266	184	137	75.9	40.9	22.3	18.1	14.2	12.0	7.08	3.72
9.90	273	188	139	76.8	41.5	22.8	18.4	14.4	12.1	7.14	3.75
9.60	282	194	142	77.5	42.4	23.5	18.9	14.7	12.3	7.23	3.80