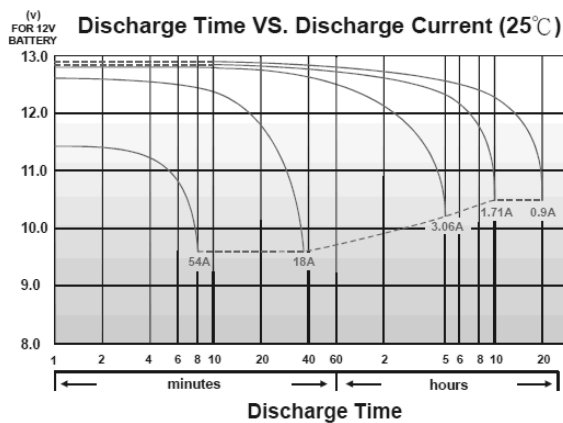
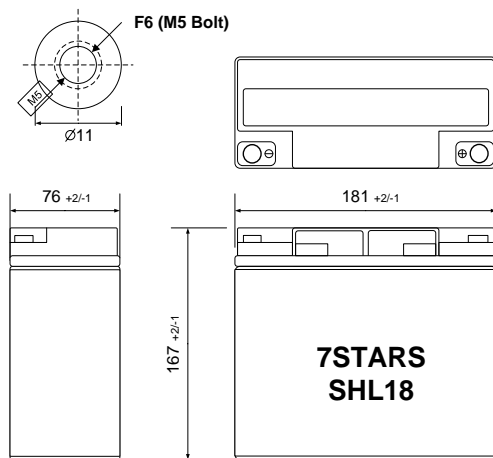
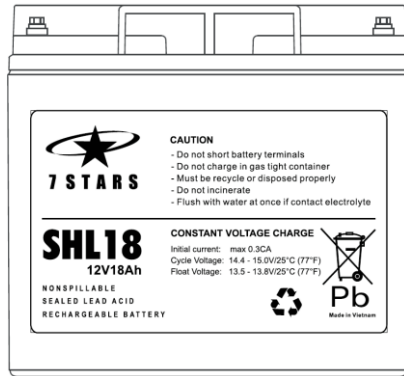


SHL18

7STARS

Valve Regulated Lead Acid Batteries, AGM Technology



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

Cut Off V	Time										
	5 min.	10 min.	15 min.	30 min.	1 hour	2 hours	3 hours	4 hours	5 hours	10 hours	20 hours
11.1	593.4	402.0	343.2	196.2	112.8	71.4	52.5	39.8	34.9	20.4	10.6
10.8	696.0	462.6	387.0	210.6	118.8	74.4	54.6	41.6	36.3	21.1	11.0
10.5	768.0	507.0	416.4	226.2	124.2	76.2	56.0	42.7	37.0	21.6	11.3
10.2	810.0	534.6	435.0	236.4	127.8	78.6	57.2	43.6	37.6	22.0	11.5
10.0	822.0	541.2	439.8	238.8	129.0	79.2	57.6	43.9	37.8	22.1	11.6
9.90	834.0	550.2	445.2	241.8	130.8	79.8	58.1	44.3	38.1	22.3	11.7
9.60	846.0	557.4	450.6	244.8	133.2	81.0	58.7	44.8	38.5	22.5	11.8

SPECIFICATION

Nominal Voltage (V)	12V
Nominal Capacity	
20 hour rate	18.0Ah
10 hour rate	17.1Ah
5 hour rate	15.3Ah
1C	11.4Ah
3C	7.2Ah
Weight	5.6kg
Internal Resistance	10.5mΩ@1kHz

Discharge Current for	
Maximum 5 sec.	270A
Short circuit	540A

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	5.4A
Standby use:	
Float Charging Voltage	13.50 ÷ 13.80V

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
	Long Life (EUROBAT)

Case Material ABS

Terminal F6