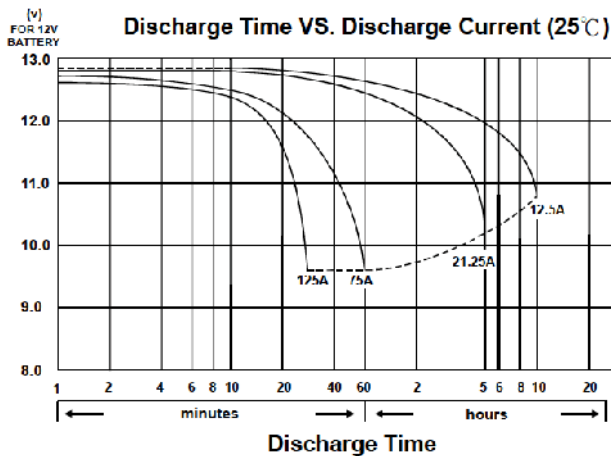
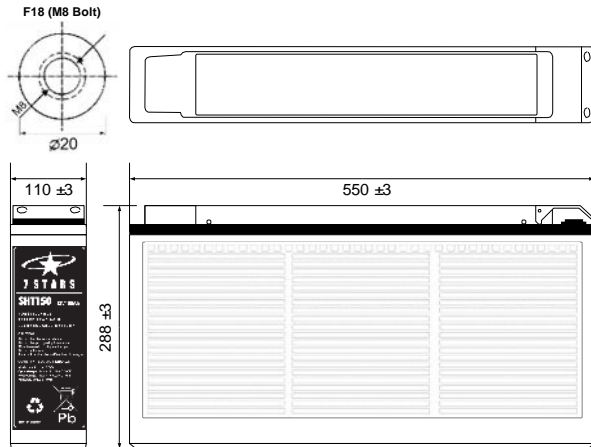


Front Terminal, Valve Regulated Lead Acid Batteries, AGM Technology



Constant Current Discharge Characteristics (25°C) [A]							
Time	Cut Off [V]						
	min.	11.1	10.8	10.5	10.2	10.0	9.9
15	153	188	213	226	230	235	241
30	89.2	108	121	129	131	134	137
60	70.4	75.9	77.8	79.5	80.1	80.8	81.6
120	38.2	42.3	44.0	45.3	45.7	45.2	45.8
180	27.7	30.8	31.9	32.8	33.1	33.5	34.0
240	22.6	24.8	25.7	26.4	26.6	26.9	27.2
300	19.9	21.3	22.1	22.6	22.7	22.9	23.1
480	14.3	15.2	15.6	15.8	15.9	16.0	16.1
600	11.8	12.6	13.0	13.3	13.4	13.5	13.6
1200	6.42	6.63	6.72	6.79	6.82	6.85	6.89

Constant Power Discharge Characteristics (25°C) [W]										
Cut Off	Time									
	15 min.	30 min.	1 hour	1.5 hour	2 hours	3 hours	4 hours	5 hours	10 hours	20 hours
11.1	1608	954	816	463.2	355.8	291	244.8	169.8	147.0	75.6
10.8	1968	1176	876	496.8	381	306	258	178.8	153.0	79.2
10.5	2220	1320	912	511.2	391.8	315	267	186	157.8	81.0
10.2	2382	1416	930	523.2	400.2	322.2	274.2	190.8	162.0	82.8
10.0	2424	1440	936	526.8	403.2	324	276	192	163.2	83.4
9.9	2478	1476	942	531	406.2	327	279	193.8	163.8	84.0
9.6	2532	1506	954	535.2	409.2	330	280.8	196.2	165	84.6

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

SPECIFICATION

Nominal Voltage (V)	12V
Nominal Capacity	
10 hour rate	126Ah
5 hour rate	111Ah
1 hour rate	78Ah
1C	63Ah
Weight	39.0kg
Internal Resistance	7mΩ @ 1kHz
Maximum Discharge Current for	
5 sec.	1250A
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	98%
3 months	94%
6 months	85%
Charging Methods at 20°C	
Max. Charging Current	37.5A
Cycle use:	
Charging Voltage	14.4 ÷ 14.7V
Thermal Coefficient	-5.0mV/°C/cell
Standby use:	
Float Charging Voltage	13.50 ÷ 13.80V
Thermal Coefficient	-3.0mV/°C/cell
Life expectancy	
Cycle Use	
100%/50%/30% DOD cycles	250/600/1200
Standby Use	12 years
Case Material	ABS UL94 HB
Terminal	F18 (M8 Bolt)
Recommended/Max torque val.	7Nm / 9Nm