

SHR250

7STARS

Valve Regulated Lead Acid Batteries, AGM Technology

SPECIFICATION



Nominal Voltage (V)	12V
Nominal Capacity	
HR – rating	9.0Ah
3C	4.1Ah
1C	5.9Ah
5 hours (1.63A)	8.2Ah
Weight	2.7kg
Internal Resistance	14mΩ@1kHz
Maximum Discharge Current for	
5 sec.	135A

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

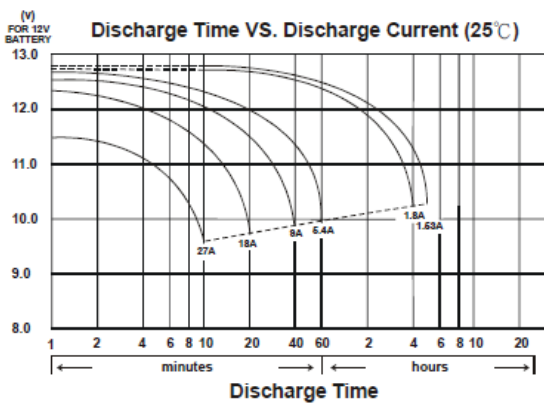
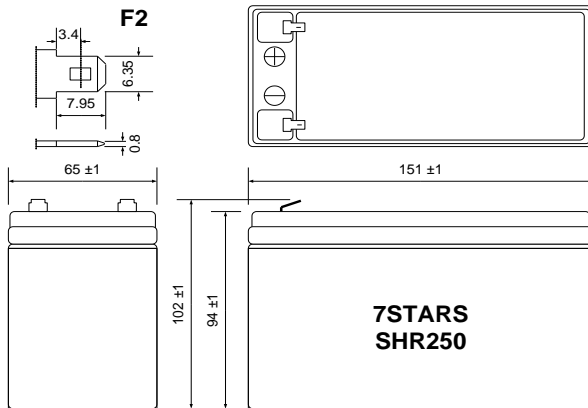
Charge Retention (shelf life) at 20°C	
1 month	92%
3 month	90%
6 month	80%

Charging Methods at 20°C	
Cycle use:	
Charging Voltage	14.4 ÷ 15.0V
Max. Charging Current	2.7A
Standby use	
Float Charging Voltage	13.50 ÷ 13.80V

Life expectancy	
Cycle Use	
100% depth of discharge	225 cycles
80% depth of discharge	250 cycles
50% depth of discharge	750 cycles
Standby Use	10 years
	Long Life (EUROBAT)

Case Material ABS

Terminal F2



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	364	250	180	123	68.6	46.0	29.5	21.4	18.2	10.5	5.32	
10.8	386	268	190	124	69.2	46.4	29.7	21.8	19.0	10.8	5.56	
10.5	401	275	199	125	70.1	47.1	30.1	22.1	19.5	11.0	5.68	
10.2	423	284	211	126	70.7	47.5	30.4	22.7	19.9	11.2	5.8	
9.90	445	293	221	129	71.9	48.3	30.9	23.2	20.1	11.4	-	
9.60	471	305	227	130	72.1	48.6	31.1	23.5	20.3	-	-	