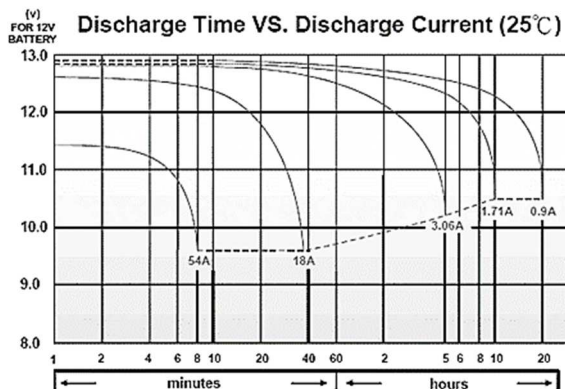
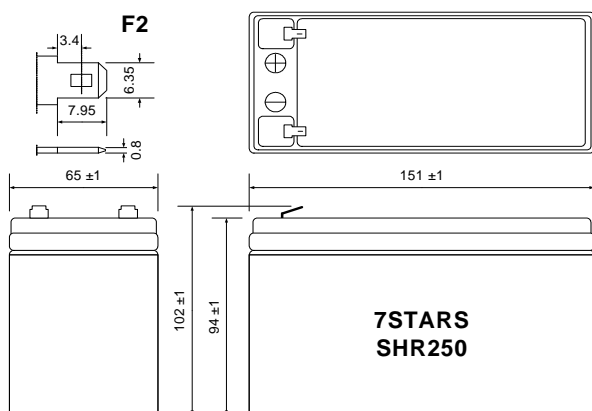


SHR250

12V VRLA BATTERY



VALVE REGULATED LEAD ACID BATTERIES – AGM



Nominal Voltage Type 12 V
AGM VRLA

Nominal Capacity

20 hours rate	9Ah
10 hours rate	8.5Ah
1C	6.5Ah
3C	4.5Ah

Weight 2.7kg

Internal Resistance 14mΩ@1kHz

Maximum Discharge Current for

5 sec.	135A
Short Circuit	270A

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	2.7A
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	364	250	180	123	68,6	46,0	29,5	21,4	18,2	10,5	5,32
10.8V	386	268	190	124	69,2	46,4	29,7	21,8	19,0	10,8	5,56
10.5V	401	275	199	125	70,1	47,1	30,1	22,1	19,5	11,0	5,68
10.2V	423	284	211	126	70,7	47,5	30,4	22,7	19,9	11,2	5,80
10.0V	434	289	216	128	71,3	47,9	30,7	23,0	20,0	11,3	5,85
9.9V	445	293	221	129	71,9	48,3	30,9	23,2	20,1	11,4	5,90
9.6V	471	305	227	130	72,1	48,0	31,1	23,5	20,3	11,5	5,92

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