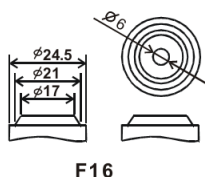
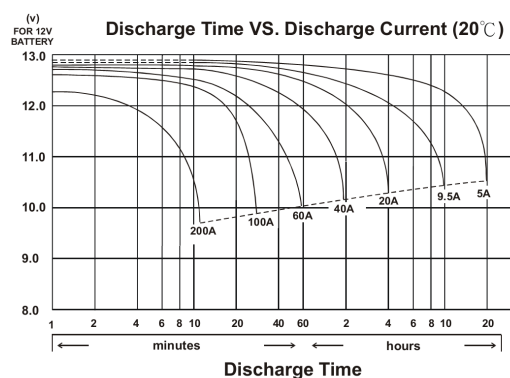
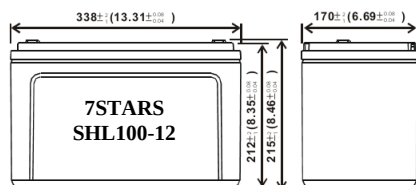
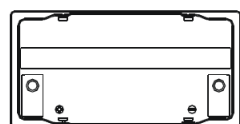


SHL 100 - 12



F16



SPECIFICATION

Nominal Voltage (V)	12V
Nominal Capacity	
20 hour rate	100Ah
10 hour rate	95Ah
5 hour rate	85Ah
1C	45Ah
Weight	32.66kg
Internal Resistance	5mΩ @ 1kHz
Maximum Discharge Current for 5 sec.	1127A
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	30.0A
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 ÷ 12 years
Case Material	ABS
Terminal	F16

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

Cut Off	Time										
V	5 min.	10 min.	15 min.	30 min.	1 hour	2 hours	3 hours	4 hours	5 hours	10 hours	20 hours
11.1	3239	2409	2001	1311	658	429	282	224	183	107	53.7
10.8	3981	2811	2059	1380	674	457	296	236	190	108	55.9
10.5	4267	2967	2116	1415	682	471	302	241	194	109	57.8
10.2	4393	3071	2162	1438	696	478	305	243	199	112	58.4
9.90	4520	3209	2243	1484	709	494	307	245	202	115	59.1
9.60	4658	3278	2312	1530	722	507	308	246	209	118	59.7