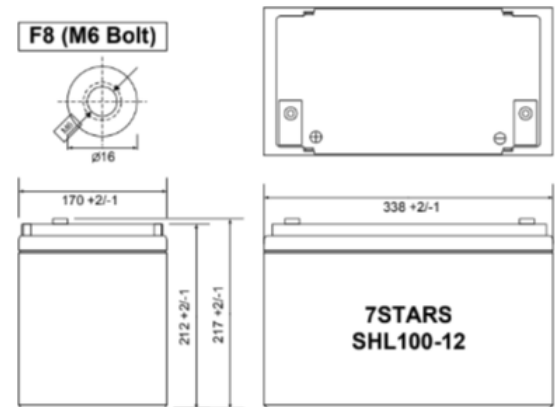


7 Stars SHL100-12 batteries are designed for UPS applications where high power is required for short discharge times. The AGM technology ensures low internal resistance and safe, leakage free operation.

SPECIFICATION		
Nominal voltage	12V	
Nominal capacity	110Ah <sub>C20</sub>	
Design life	12 years @ 20°C	
Dimensions	Length	338mm
	Height	217mm
	Width	170mm
Weight	32,7kg	
Internal resistance	5mΩ	
Capacity @ 25°C	20h	110Ah
	10h	100Ah
	5h	93,5Ah
	1h	66Ah
Operating temperature ranges	Charge	0°C ÷ +40°C
	Discharge	-15°C ÷ +50°C
	Storage	-15°C ÷ +40°C
Charging voltage @ 20°C	Standby	13,5V ÷ 13,8V
	Cyclic	14,4V ÷ 15V
Charge current	<30A	
Maximum discharge current for 5 sec.	1200A	
Connection terminal	F8	
Container material	ABS	



Constant power discharge table W/block @ 25°C

V/block	5 min	10 min	15 min	30 min	1 h	1,5 h	2 h	3 h	4 h	5 h	10 h	20 h
11,1V	3740	2680	2193	1308	791,6	592,4	478,4	350,8	278,1	226,5	118,3	65
10,8V	3894	2791	2241	1349	791,6	593,6	485,2	354,7	281,2	228,9	120,7	65,6
10,5V	4257	3051	2350	1405	836	618,7	502,3	365,1	289,4	235,4	122,5	66,8
10,2V	4488	3216	2477	1460	853,8	633,8	512,6	372,3	295,2	240,1	125,5	67,3
10V	4544	3256	2508	1478	864,5	639,8	516,6	374,7	297	241,9	126,1	67,4
9,9V	4648	3330	2562	1509	883,3	653,5	527,7	382,8	303,4	247,1	127,5	67,5
9,6V	4675	3350	2580	1521	889,4	658,2	531,5	385,5	305,6	248,9	128,5	68

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