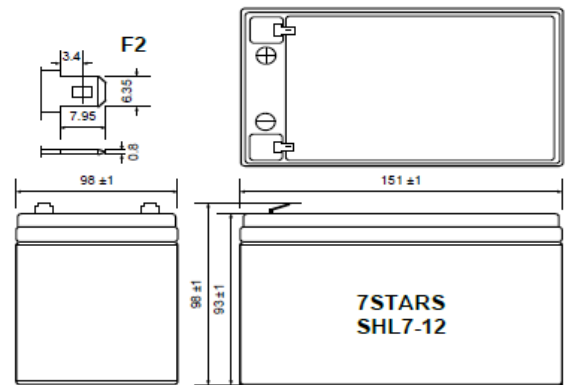


7 Stars SHL12-12 batteries are designed for UPS applications where high power is required for short discharge times. The AGM technology ensures low internal resistance and safe, leakage free operation.

SPECIFICATION		
Nominal voltage	12V	
Nominal capacity	12Ah _{C20}	
Design life	10 years @ 20°C	
Dimensions	Length	151mm
	Height	98mm
	Width	98mm
Weight	3,75kg	
Internal resistance	13mΩ	
Capacity @ 25°C	20h	12Ah
	10h	11,4Ah
	5h	10,2Ah
	1h	6,7Ah
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	<3,6A	
Maximum discharge current for 5 sec.	180A	
Connection terminal	Faston F2	
Container material	ABS	



Constant power discharge table W/block @ 25°C

V/block	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	10 h	20 h
11,1V	405	288	232	133	94,5	51,8	33,9	28,7	23,7	14	7,16
10,8V	451	315	246	142	98	53,5	35,2	29,3	24,5	14,4	7,25
10,5V	485	329	255	148	100	54,3	36,3	29,8	25,1	14,6	7,48
10,2V	520	344	264	152	102	54,9	37,2	30,4	25,8	14,8	7,59
10V	536	349	267	154	103	55,1	37,6	30,7	26	14,9	7,68
9,9V	552	357	272	156	104	55,4	38,1	31,2	26,3	15	7,77
9,6V	582	366	279	158	105	55,9	38,5	31,6	26,9	15,1	7,94

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