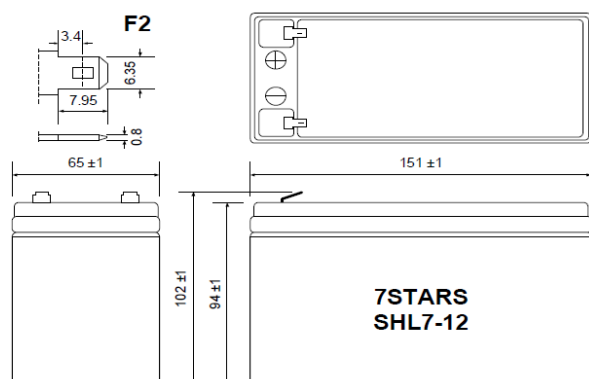


7 Stars SHL7-12 batteries are designed for UPS applications where high power is required for short discharge times. The AGM technology ensures low internal resistance and safe, leakage free operation.

SPECIFICATION		
Nominal voltage		12V
Nominal capacity		7Ah _{C20}
Design life		10 years @ 20°C
Dimensions	Length	151mm
	Height	102mm
	Width	65mm
Weight		2,2kg
Internal resistance		17mΩ
Capacity @ 25°C	20h	7Ah
	10h	6,4Ah
	5h	5,95Ah
	1h	4,64Ah
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		<1,5A
Maximum discharge current for 5 sec.		105A
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	263	180	144	72,4	46,2	14,6	18,5	17,1	14,8	8,16	4,14
10,8V	282	191	151	77,6	50,3	27,1	19,9	17,6	15,2	8,39	4,23
10,5V	294	199	155	81,5	51,8	28,3	20,9	18,0	15,5	8,51	4,31
10,2V	306	206	159	84,6	53,2	29,5	21,7	18,3	15,7	8,59	4,37
10V	311	209	161	85,5	53,8	29,9	22,0	18,4	15,8	8,62	4,39
9,9V	317	213	164	86,4	54,5	30,4	22,3	18,6	15,9	8,66	4,42
9,6V	326	219	168	87,5	55,4	31,2	22,8	18,9	16,1	8,72	4,46