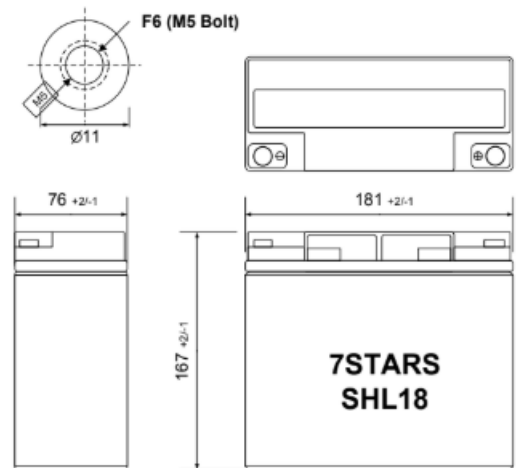


7 Stars SHL18-12 batteries are designed for UPS applications where high power is required for short discharge times. The AGM technology ensures low internal resistance and safe, leakage free operation.

SPECIFICATION		
Nominal voltage	12V	
Nominal capacity	18Ah _{C20}	
Design life	10 years @ 20°C	
Dimensions	Length	181mm
	Height	167mm
	Width	76mm
Weight	5,6kg	
Internal resistance	10,5mΩ	
Capacity @ 25°C	20h	18Ah
	10h	17,1Ah
	5h	15,3Ah
	1h	10Ah
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	<5,4A	
Maximum discharge current for 5 sec.	270A	
Connection terminal	F6	
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	593,4	402	343,2	196,2	112,8	71,4	52,5	39,8	34,9	20,4	10,6
10,8V	696	462,6	387	210,6	118,8	74,4	54,6	41,6	36,3	21,1	11
10,5V	768	507	416,4	226,2	124,2	76,2	56	42,7	37	21,6	11,3
10,2V	810	534,6	435	236,4	127,8	78,6	57,2	43,6	37,6	22	11,5
10V	822	541,2	439,8	238,8	129	79,2	57,6	43,9	37,8	22,1	11,6
9,9V	834	550,2	445,2	241,8	130,8	79,8	58,1	44,3	38,1	22,3	11,7
9,6V	846	557,4	450,6	244,8	133,2	81	58,7	44,8	38,5	22,5	11,8

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