



## 12LSX-7.5

12V 7.5 Ah

Design lifetime: 10 years



Q-Batteries 12LSX-7.5 is an AGM battery with extended design lifetime of 10 years. It is designed for stand-by applications such as emergency-lighting or UPS-systems.

### Application:

burglar-systems, UPS-systems,  
emergency-lighting-systems

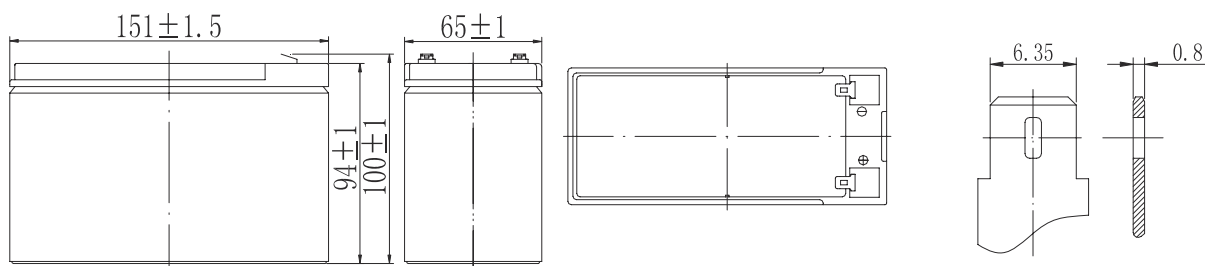


### Specification:

Voltage Per Unit	12 V		
Capacity	7.5 Ah (10 h)		
Cells Per Unit	6		
Weight	2.3 kg +/- 3%		
Max. Discharge Current	112.5 A (5 sec.)		
Operating Temperature Range Normal	Discharge: - 20°C – 60°C	Charge: - 10°C – 60°C	Storage: - 20°C – 60°C
Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.		
Terminal	F2 (FastOn 6,3mm)		
Technology	AGM, Absorbent glass mat technology		
Container Material	A.B.S. (UL-94 V0)		
Recognized by	UL & CE		

### Dimensions:

151 mm Length x 65 mm Width x 94 (max. 100) mm Height



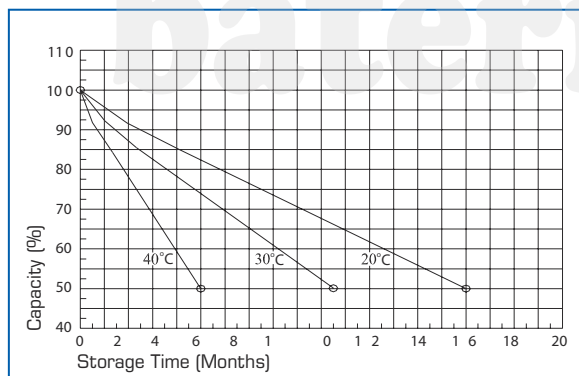
## Constant current discharge characteristics: A (25°C)

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	2 HR	3 HR	4 HR	5 HR	10 HR	20 HR
9.60V	28.5	18.0	14.3	7.95	4.88	2.66	1.91	1.53	1.30	0.71	0.381
9.90V	27.6	17.5	13.9	7.79	4.80	2.65	1.90	1.52	1.29	0.71	0.379
10.2V	26.5	16.7	13.4	7.55	4.68	2.63	1.89	1.51	1.28	0.70	0.377
10.5V	25.4	16.0	12.9	7.37	4.59	2.59	1.88	1.50	1.28	0.70	0.375
10.8V	23.9	15.1	12.3	7.10	4.45	2.52	1.82	1.46	1.24	0.68	0.368

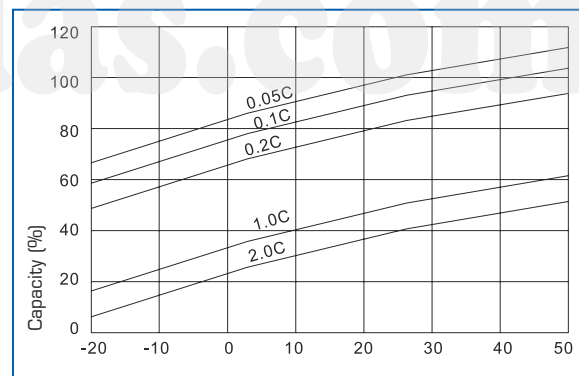
## Constant current discharge characteristics: Watt (25°C)

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	2 HR	3 HR	4 HR	5 HR	10 HR	20 HR
9.60V	318	203	162	911	56.5	31.2	22.7	18.2	15.5	8.50	4.57
9.90V	309	197	159	89.3	55.6	31.0	22.6	18.1	15.4	8.46	4.55
10.2V	296	189	153	86.6	54.2	30.7	22.4	18.0	15.3	8.42	4.53
10.5V	283	181	148	84.5	53.1	30.3	22.3	17.9	15.2	8.37	4.50
10.8V	267	171	140	81.4	51.5	29.5	21.6	17.3	14.8	8.20	4.41

## Storage characteristic:



## Capacity Factors with different Temperature:



## Charging Method:

Recharge after use, at least every 6th month:

Cyclic charging voltage  
14,5 to 14,9 V (25°C)

Float charging voltage (25°C)  
13,6 to 13,8 V (25°C)

Maximum charging current  
2,25A

Do not short circuit the battery.