



12LSX-9

12V 9Ah

Design lifetime: 10 years



Q-Batteries 12LSX-9 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

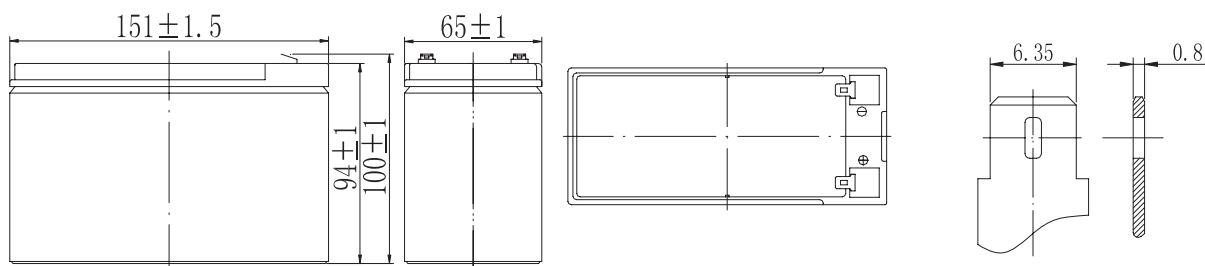


Specification:

Voltage Per Unit	12 V		
Capacity	9 Ah (10 h)		
Cells Per Unit	6		
Weight	2.65 kg +/- 3%		
Max. Discharge Current	135 A (5 sec.)		
Internal resistance (fully charged, 25°C)	approx. 19mΩ		
Operating Temperature Range	Discharge:	Charge:	Storage:
Normal	-15°C–50°C	-10°C–50°C	-20°C–50°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:

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



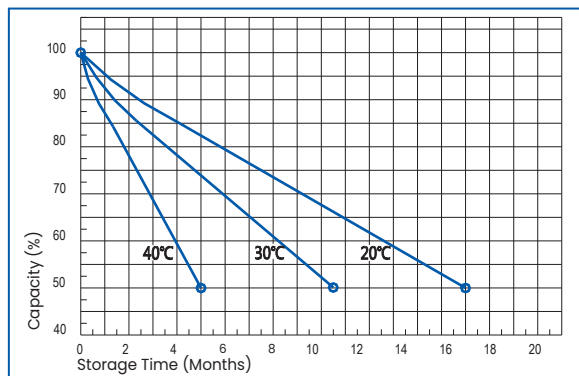
Constant current discharge characteristics: A (25°C)

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	34.2	21.6	17.1	9.54	5.85	3.20	2.30	1.84	1.56	0.85	0.46
9.90V	33.2	21.0	16.7	9.35	5.76	3.18	2.28	1.83	1.55	0.85	0.45
10.2V	31.8	20.1	16.1	9.06	5.62	3.15	2.27	1.81	1.54	0.84	0.45
10.5V	30.4	19.2	15.5	8.84	5.50	3.10	2.25	1.80	1.53	0.84	0.45
10.8V	28.7	18.1	14.7	8.52	5.34	3.02	2.18	1.75	1.48	0.82	0.44

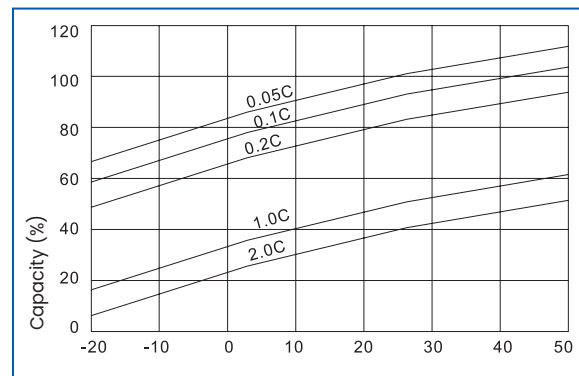
Constant power discharge characteristics: Watt (25°C)/cell

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	382	244	195	109	67.7	37.4	27.3	21.9	18.6	10.2	5.48
9.90V	370	236	190	107	66.7	37.2	27.1	21.7	18.5	10.2	5.46
10.2V	355	227	183	104	65.0	36.9	26.9	21.6	18.4	10.1	5.43
10.5V	340	217	177	101	63.7	36.3	26.7	21.4	18.3	10.0	5.40
10.8V	321	205	168	97.6	61.8	35.4	25.9	20.8	17.7	9.84	5.29

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
2,7A

Do not short circuit the battery.