



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

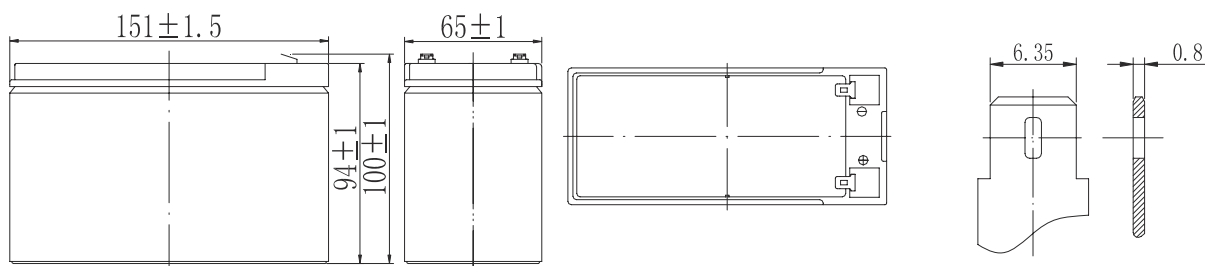


Specification:

| | | | |
|------------------------------------|---|--------------------------|---------------------------|
| 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



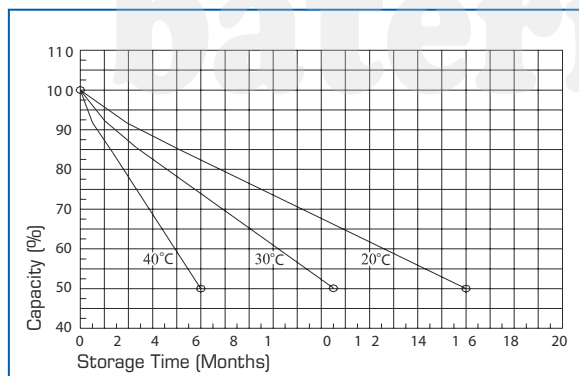
Constant current discharge characteristics: A (25°C)

| 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 |

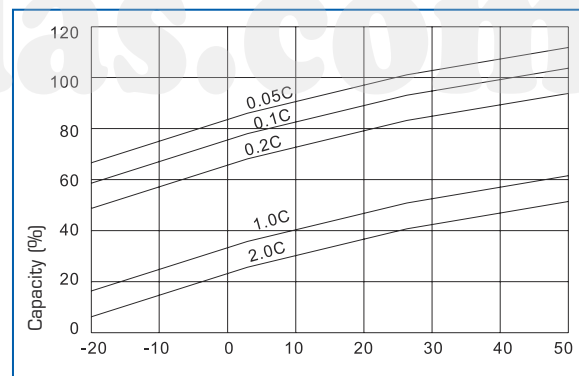
Constant current discharge characteristics: Watt (25°C)

| 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.