

UL 10 - 6

6V 10AH

STANDBY

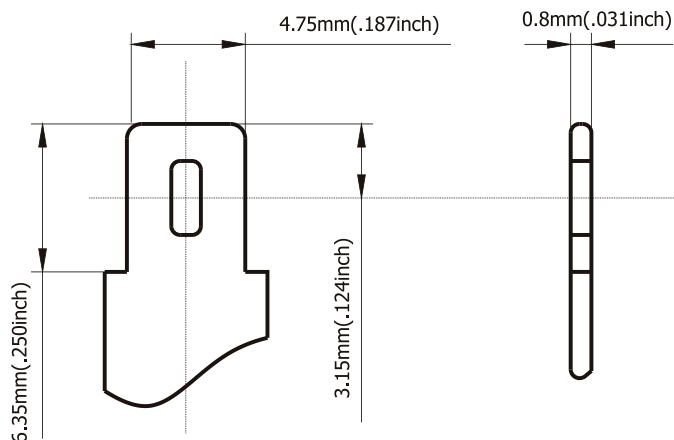
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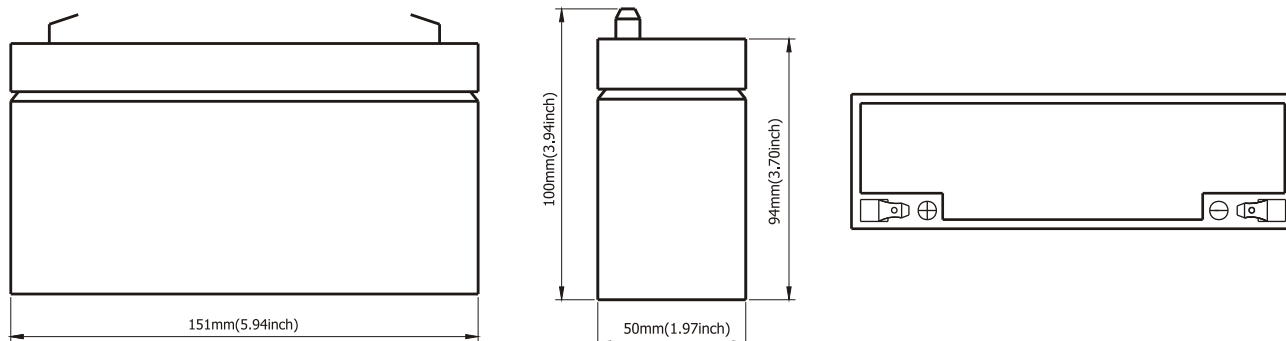
Image



Terminal Type



Dimensions



Specifications

| Battery Model | UL 10 - 6 | | | |
|----------------------------------|---|---------------------|--------------------|-----------------|
| Designed Floating Life | 5 Years | | | |
| Capacity (25°C) | 20HR (0.5A, 1.75V) | 10HR (0.95A, 1.75V) | 5HR (1.7A, 1.75V) | 1HR (6A, 1.55V) |
| | 10AH | 9.5AH | 8.5AH | 6AH |
| Dimensions | Length | Width | Height | Total Height |
| | 151mm | 50mm | 94mm | 100mm |
| Approx. Weight | 1.80Kg | | | |
| Internal Resistance | Fully Charged at 25°C 0.010 Ohm | | | |
| Self Discharge | 3% of capacity declined per month at 25°C | | | |
| Capacity Affected by Temperature | 40°C | 25°C | 0°C | -15°C |
| | 102% | 100% | 85% | 65% |
| Charge Voltage (25°C) | Cycle Use | | Float Use | |
| | 7.2-7.5V (-12mV/C), max. Current: 3A | | 6.75-6.9V (-9mV/C) | |

Construction

| | | | |
|-----------|--------------------------------|--------------|----------------|
| Component | Raw material | Sealant | Epoxy Resin |
| Positive | Lead dioxide | Safety Valve | EPDR |
| Negative | Lead | Terminal | Copper |
| Container | ABS (Flame Retardant optional) | Separator | Fibre Glass |
| Cover | ABS (Flame Retardant optional) | Electrolyte | Sulphuric acid |

Sealed and maintenance free option

Non-spillable construction design

UL 10 - 6

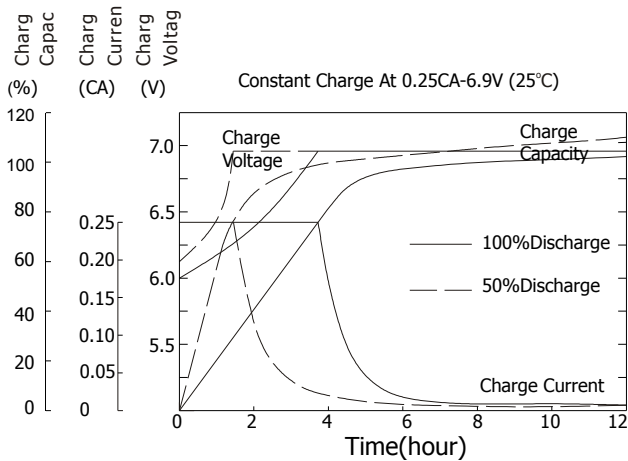
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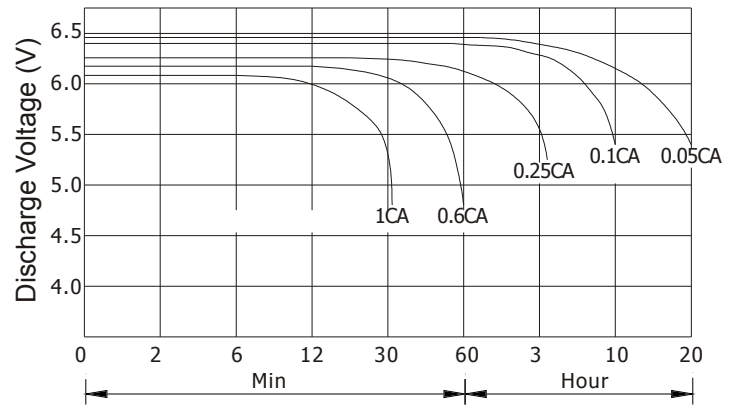
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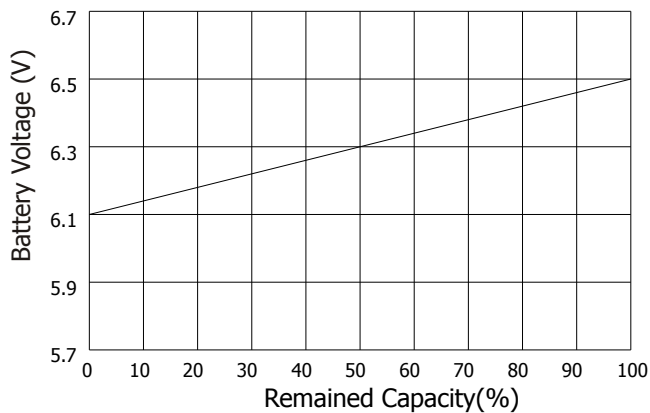
Charge Characteristic



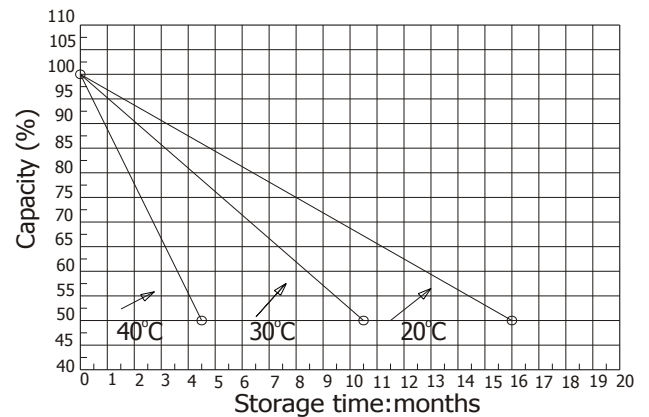
Discharge Characteristic 25°C



Relationship of OCV and state of charge



Self Discharge Characteristics



Constant Current Discharge Ratings - amperes at 25°C

| F.V / Time | 5 MIN | 10 MIN | 15 MIN | 30 MIN | 1 HR | 3 HR | 5 HR | 10 HR | 20 HR |
|------------|-------|--------|--------|--------|------|------|------|-------|-------|
| 1.60 V | 39.1 | 24.4 | 18.4 | 11.2 | 6.00 | 3.12 | 1.90 | 1.07 | 0.57 |
| 1.67 V | 37.6 | 23.9 | 17.8 | 10.6 | 5.91 | 3.00 | 1.78 | 1.05 | 0.55 |
| 1.70 V | 35.7 | 22.3 | 17.2 | 9.90 | 5.78 | 2.50 | 1.73 | 1.03 | 0.52 |
| 1.75 V | 34.7 | 21.7 | 16.8 | 9.43 | 5.63 | 2.47 | 1.70 | 0.95 | 0.50 |
| 1.80 V | 31.4 | 20.8 | 15.1 | 8.66 | 5.51 | 2.42 | 1.68 | 0.93 | 0.49 |
| 1.85 V | 27.0 | 19.6 | 13.5 | 7.87 | 5.45 | 2.40 | 1.58 | 0.92 | 0.48 |

Constant Power Discharge Ratings - watts at 25°C

| F.V / Time | 5 MIN | 10 MIN | 15 MIN | 30 MIN | 1 HR | 3 HR | 5 HR | 10 HR | 20 HR |
|------------|-------|--------|--------|--------|-------|------|------|-------|-------|
| 1.60 V | 80.1 | 52.5 | 40.1 | 23.0 | 13.10 | 5.08 | 2.46 | 1.92 | 1.02 |
| 1.67 V | 77.4 | 51.8 | 39.2 | 22.8 | 12.9 | 5.05 | 3.45 | 1.92 | 1.02 |
| 1.70 V | 74.2 | 49.8 | 38.4 | 22.5 | 12.6 | 5.01 | 3.44 | 1.92 | 1.01 |
| 1.75 V | 69.7 | 48.1 | 37.2 | 22.0 | 12.5 | 4.96 | 3.41 | 1.91 | 1.01 |
| 1.80 V | 60.7 | 44.4 | 35.6 | 21.2 | 12.2 | 4.87 | 3.36 | 1.88 | 0.99 |
| 1.85 V | 50.9 | 40.9 | 34.2 | 20.6 | 12.0 | 4.80 | 3.32 | 1.87 | 0.99 |