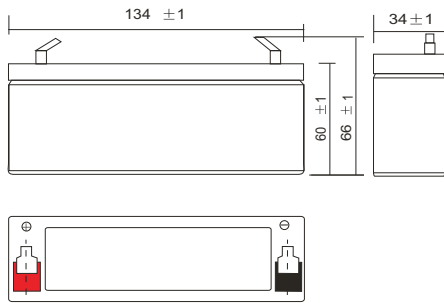


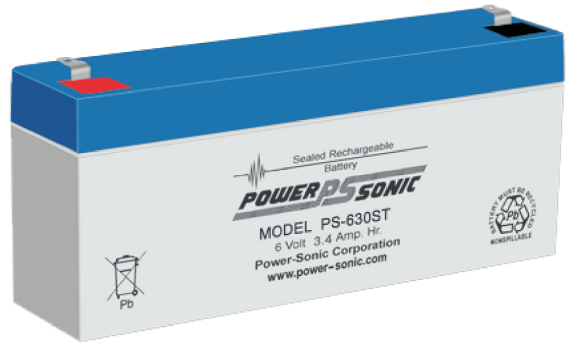
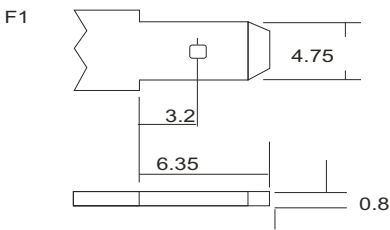


PS-630ST 6V 3.4AH

Dimensions (mm)



Standard Terminal (mm)



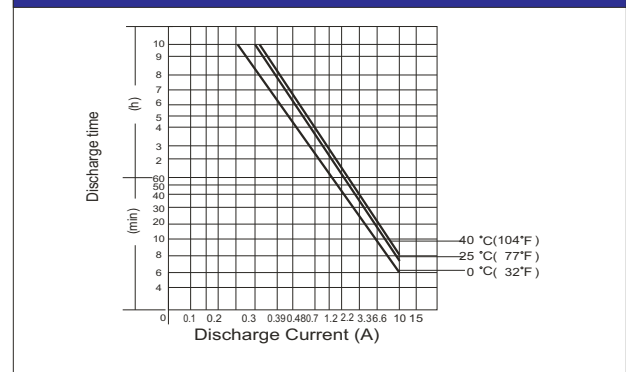
Physical Specification

| | | |
|-------------------------|------------------------------|--------------|
| Nominal Voltage | | 6V |
| Nominal Capacity (20HR) | | 3.4AH |
| Dimension | Length | 134 ± 1mm |
| | Width | 34 ± 1mm |
| | Container Height | 60 ± 1mm |
| | Total Height (with Terminal) | 66 ± 1mm |
| Weight | | Approx 0.62g |
| Standard Terminal | | F1 |

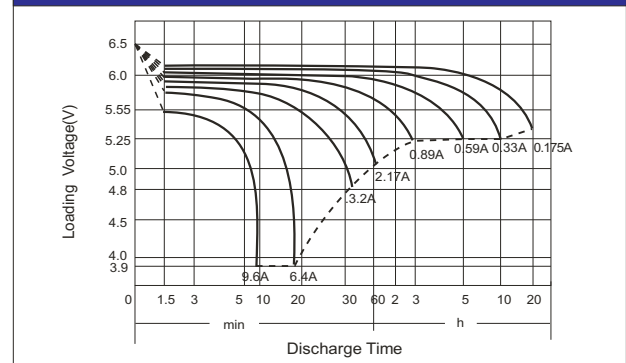
Electrical Specification

| | | | | | |
|----------------------------------|------------------------|--------|------------------|---------|---|
| Rated Capacity | 20 hour rate (175mA) | 3.5AH | Constant-Voltage | Cycle | Initial Charging Current less than 0.96A. Voltage 7.20V-7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C |
| | 10 hour rate (330mA) | 3.3AH | | | |
| | 5 hour rate (590mA) | 2.95AH | | | |
| | 1 hour rate (2.17A) | 2.17AH | | | |
| | 15 minute rate (6.86A) | 1.71AH | | | |
| Capacity affected by Temperature | 40°C (104°F) | 103% | Charge | Standby | No limit on Initial Charging Current Voltage 6.75V-6.90V at 25°C(77°F) Temp. Coefficient -10mV/°C |
| | 25°C (77°F) | 100% | | | |
| | 0°C (32°F) | 86% | | | |

Discharging Current & Discharge Duration Time



Discharge Characteristics (25°C, 77°C)



Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

| F.V/Time | 5MIN | 10MIN | 15MIN | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 8HR | 10HR | 20HR |
|----------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|-------|
| 1.60V | 13.10 | 8.91 | 6.60 | 3.91 | 2.21 | 1.26 | 0.96 | 0.77 | 0.629 | 0.412 | 0.342 | 0.178 |
| 1.67V | 11.30 | 7.96 | 5.99 | 3.63 | 2.11 | 1.21 | 0.91 | 0.73 | 0.599 | 0.405 | 0.335 | 0.176 |
| 1.70V | 10.80 | 7.61 | 5.80 | 3.51 | 2.07 | 1.19 | 0.89 | 0.72 | 0.593 | 0.402 | 0.331 | 0.175 |
| 1.75V | 9.80 | 6.98 | 5.44 | 3.37 | 2.00 | 1.14 | 0.87 | 0.70 | 0.585 | 0.396 | 0.328 | 0.172 |
| 1.80V | 8.69 | 6.35 | 4.98 | 3.25 | 1.92 | 1.10 | 0.85 | 0.69 | 0.563 | 0.389 | 0.325 | 0.170 |
| 1.85V | 6.47 | 4.97 | 4.12 | 2.75 | 1.71 | 1.01 | 0.79 | 0.64 | 0.525 | 0.367 | 0.307 | 0.168 |

Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

| F.V/Time | 5MIN | 10MIN | 15MIN | 30MIN | 1HR | 2HR | 3HR | 4HR | 5HR | 8HR | 10HR | 20HR |
|----------|------|-------|-------|-------|------|------|------|------|-------|-------|-------|-------|
| 1.60V | 65.3 | 45.5 | 34.6 | 21.4 | 12.5 | 7.19 | 5.49 | 4.43 | 3.639 | 2.414 | 2.015 | 1.052 |
| 1.67V | 58.0 | 41.7 | 32.1 | 20.1 | 12.0 | 6.93 | 5.26 | 4.24 | 3.482 | 2.380 | 1.978 | 1.045 |
| 1.70V | 55.7 | 40.1 | 31.2 | 19.5 | 11.8 | 6.84 | 5.15 | 4.18 | 3.452 | 2.364 | 1.959 | 1.035 |
| 1.75V | 52.0 | 37.6 | 29.7 | 18.8 | 11.5 | 6.60 | 5.02 | 4.08 | 3.412 | 2.334 | 1.943 | 1.018 |
| 1.80V | 47.2 | 34.8 | 27.5 | 18.3 | 11.0 | 6.39 | 4.95 | 4.01 | 3.295 | 2.299 | 1.925 | 1.009 |
| 1.85V | 35.5 | 27.6 | 23.1 | 15.7 | 9.92 | 5.89 | 4.62 | 3.77 | 3.085 | 2.174 | 1.821 | 1.000 |

