Power Rite®
WWW.POWERRITE.COM
877-797-7483

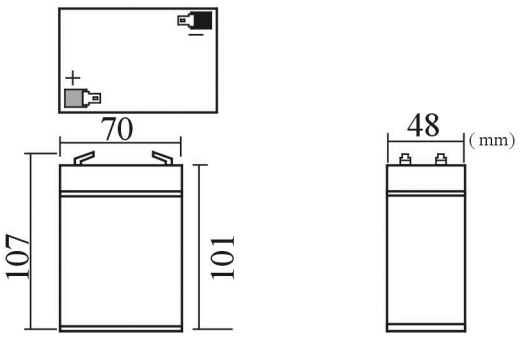
## PHYSICAL SPECIFICATION

# TS645 (6V4.5AH)

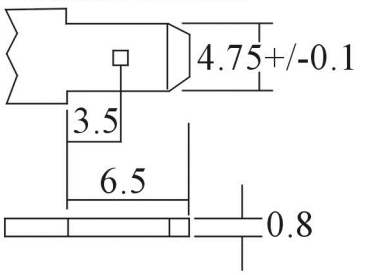
Major Application(s): Lantern

| | | |
|---|---|---|
| Nominal Voltage<br>Nominal Capacity (20HR) | | 6V<br>4.5AH |
| Dimensions | Length | 70±1mm (2.76 inches) |
| | Width | 48±1mm (1.89 inches) |
| | Container Height Standard cover | 101±2mm (3.98 inches) |
| | Total Height Standard cover | 107±2mm (4.21 inches) |
| Weight | | Approx 0.76 kg (1.672 lbs) |
| Terminal | Standard Cover: F1-Faston Tab No.187E | |

Dimensions(mm)
Standard Cover




F1(Faston Tab No.187E)
Standard Terminal




## ELECTRICAL SPECIFICATION

| | | | | | |
|---|---|---|---|---|---|
| Capacity | 20 hour rate (0.225A)<br>10 hour rate (0.41A)<br>5 hour rate (0.72A)<br>1 hour rate (2.7A) | 4.5AH<br>4.1AH<br>3.6AH<br>2.7AH | It is recommended to use constant-voltage charge and recharge immediately after use | | |
| Capacity affected by Temperature | 40℃ (104 °F)<br>25℃ (77 °F)<br>0℃ (32 °F) | 105%<br>100%<br>85% | Constant-Voltage Charge | Cycle | Initial Charging Current less than 1.35 A<br>Voltage 7.20V~7.50V at 25℃ (77°F)<br>Temperature Coefficient -15mV/℃ |
| Internal Resistance | Fully charged battery(25℃,77°F) 25m Ω | | | Standby | Voltage 6.75V~6.90V at 25℃ (77°F)<br>Temperature Coefficient -10mV/℃ |