



Sealed Lead-Acid Batteries

BSL1161
(PC12400)

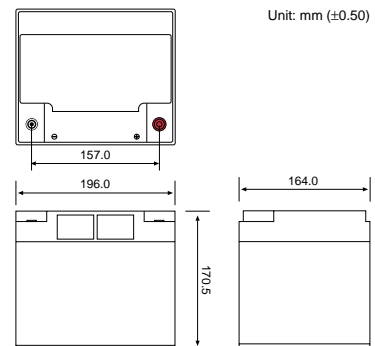
Capacity Specifications

| | | |
|--|----------------------|-----------|
| Cut-off Voltage | 20 Hr Rate (2.2 A) | 44.0 Ah |
| 1.75 v/c @ 25°C | 10 Hr Rate (3.68 A) | 36.8 Ah |
| 1.70 v/c | 5 Hr Rate (6.5 A) | 31.0 Ah |
| 1.55 v/c | 1 Hr Rate (23.2 A) | 23.2 Ah |
| | Bloc | Per Cell |
| Charge Voltage (constant) | Float | 13.5~13.8 |
| | Cycle | 14.4~14.7 |
| Discharge Current Amps (5 seconds maximum) | 300 | |
| | 100 | |
| Discharge Current Amps (maximum continuous) | 300 | |
| | 100 | |
| Max. Charge Current | 12.0 A | |
| Approx Final Charge Current (2.25 v/c Float) | 0.08 (80 mA) | |
| Approx Final Charge Current (2.45 v/c Cycle) | 0.4 (400 mA) | |
| Terminal Type | Type E | |
| Self Discharge | 9 months @ 21°C | |
| Case Material | ABS – Gray* or Black | |

Due to changes in the manufacturing processes, specifications may change without notice.
*Gray option is Flame Retardant ABS.

Technical Specifications

| | |
|------------------------|----------------------|
| Nominal Voltage | 12V |
| Nominal Capacity | 44.0 Ah (20 Hr Rate) |
| Dimensions | Length: 196 mm |
| | Width: 164 mm |
| | Height: 170.5 mm |
| Total Height/Terminal: | 170.5 mm |
| Weight | Approx 14.8 Kg |



| Actual Wattage / Ampere Capacity at Various Discharge Times (Volt per Cell @ 25°C) | | | | | | | |
|--|------|----------|---------|---------|---------|---------|---------|
| Cut Off Voltage | Time | 5 Min. | 10 min. | 15 min. | 30 min. | 45 min. | 60 min. |
| | | 1.75 v/c | W | 262.5 | 172.9 | 133.0 | 72.98 |
| 25°C | A | 150.0 | 98.8 | 76.0 | 41.7 | 29.7 | 23.4 |
| 1.67 v/c | W | 260.52 | 178.69 | 135.94 | 74.98 | 52.94 | 41.92 |
| 25°C | A | 156.0 | 107.0 | 81.4 | 44.9 | 31.7 | 25.1 |
| 1.60 v/c | W | 280.0 | 180.8 | 137.92 | 76.0 | 53.92 | 41.92 |
| 25°C | A | 175.0 | 113.0 | 86.2 | 47.5 | 33.7 | 26.2 |