

Fiche Technique : Batteries Plomb Long Life

**Marque** : Long

**Version** : Original

**Désignation** : Batterie Plomb Long Life 12v - 45Ah

**Tension** : 12v

**Capacité** : 45Ah

**Bornes** : Insert M6

**Type** : Plomb

**Dimensions** : 198x 165x 170mm

**Poids** : 14,6kg

**Référence** : WPL45-12N



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### Specifications

#### Nominal Voltage(V)

12V

#### Nominal Capacity

|              |                    |         |
|--------------|--------------------|---------|
| 20 hour rate | (2.25A to 10.50V)  | 45Ah    |
| 10 hour rate | (4.275A to 10.50V) | 42.75Ah |
| 5 hour rate  | (7.65A to 10.20V)  | 38.25Ah |
| 1C           | (45A to 9.60V)     | 28.5Ah  |
| 3C           | (135A to 9.60V)    | 18Ah    |

#### Weight

Approx. 13.5kg(29.7Lbs.)

#### Internal Resistance (at 1KHz)

Approx. 7.5 mΩ

#### Maximum Discharge Current for

5 seconds:480A

#### Charging Methods at 25°C (77°F)

|                            |               |
|----------------------------|---------------|
| Maximum Charging Current : | 13.5A         |
| Standby use:               |               |
| Float Charging Voltage     | 13.5 to 13.8V |
| Coefficient -3.0mV/°C/cell |               |

#### Operating Temperature Range

|           |            |    |             |
|-----------|------------|----|-------------|
| Charge    | -15°C(5°F) | to | 40°C(104°F) |
| Discharge | -15°C(5°F) | to | 50°C(122°F) |
| Storage   | -15°C(5°F) | to | 40°C(104°F) |

#### Charge Retention (shelf life) at 20°C(68°F)

|         |     |
|---------|-----|
| 1 month | 97% |
| 3 month | 92% |
| 6 month | 85% |

#### Case Material

ABS UL94 HB  
Option: Flammability resistance of (UL94 V-0)

#### Design Life & Standard

EUROBAT(20°C) : 10/12 YEARS LONG LIFE

#### Terminal

F8

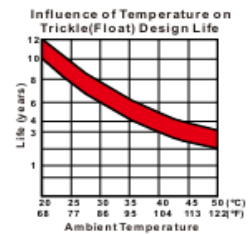
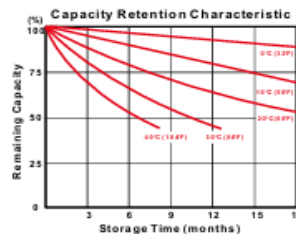
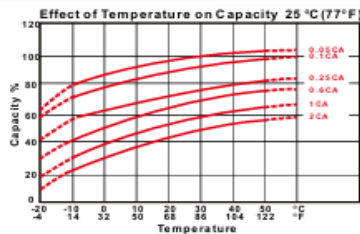
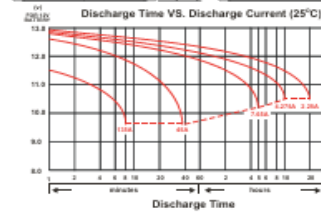
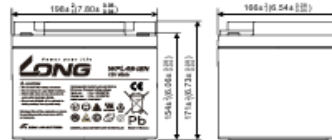
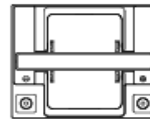


### Dimensions

|                     |                       |
|---------------------|-----------------------|
| Length (L)          | 198 ± 2 (7.80 ± 0.08) |
| Width (W)           | 166 ± 2 (6.54 ± 0.08) |
| Height (H)          | 171 ± 2 (6.73 ± 0.08) |
| Overall Height (HT) | 171 ± 2 (6.73 ± 0.08) |

#### Description of torque value of hardware for the terminals:

|                                |                         |
|--------------------------------|-------------------------|
| Recommended torque value       | M6: 7 N·m (71 kgf·cm)   |
| Maximum allowable torque value | M6: 10 N·m (102 kgf·cm) |
|                                | mm(inch)                |



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