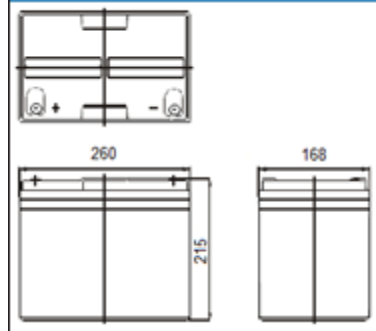


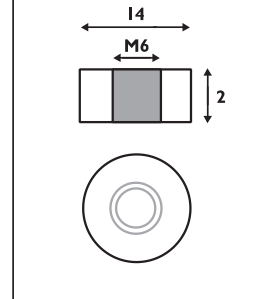
CPX 80-12



Dimensions (mm)



Standard terminal (mm)



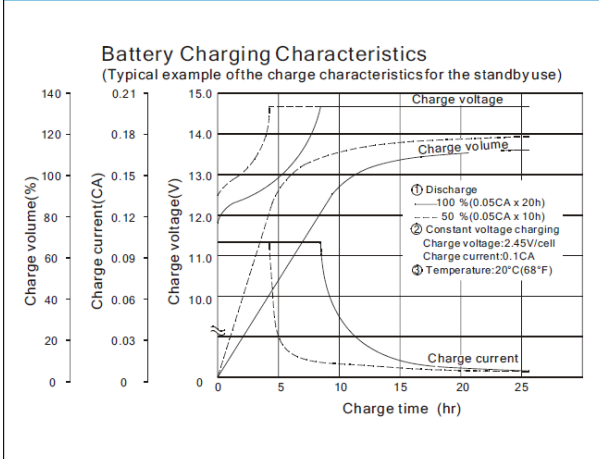
| | | |
|--------------------------------|----------------------------|----------------|
| Nominal voltage | 12 V DC | |
| Nominal Capacity (5HR, 20°C): | 75 Ah | |
| Nominal Capacity (10HR, 20°C): | 76 Ah | |
| Nominal Capacity (20HR, 20°C): | 80 Ah | |
| Internal resistance | Approx. 5 m Ω | |
| Maximum charging current | 24 A | |
| Maximum discharge current | 800 A (5 sec.) | |
| Number of cycles | 800 (50% D.O.D.) | |
| Operating temperature range | -20°C ~ 50°C | |
| Float use/ cycle use | 13.5 – 13.8V/ 14.4 – 15.0V | |
| Standard terminal | Threaded Insert 6mm | |
| Housing material | ABS (UL94-HB) | |
| Dimensions | length | 260 mm |
| | width | 168 mm |
| | height | 215 mm (±1 mm) |
| Approx. Weight | 25.5 kg | |
| Packing | 1 pcs/box | |

Typical applications:

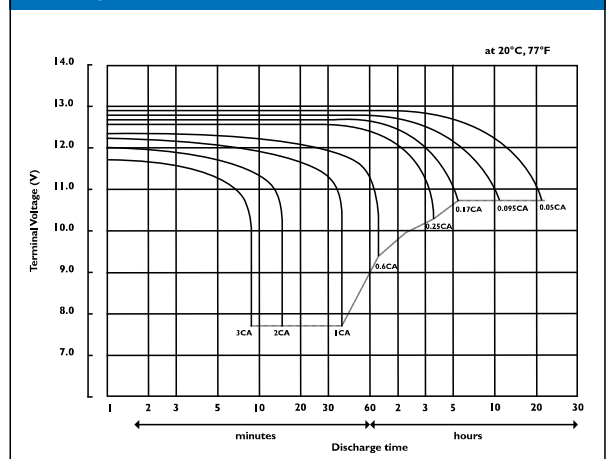
- Electric Vehicle
- Electric Wheelchairs
- E-bike
- Lawn mowers
- Golf-Carts
- Medical Equipment
- Boats

- Valve Regulated Maintenance Free
- Absorbent Glassmat Technology
- Complies with IEC61056, JIS C 8702, GB/T 19639
- Low self discharge
- Classified as non- spillable and Non Dangerous goods by IATA, FAA, ADR, IMDG
- Can be used in any orientation
- Cannot be charged while the terminal is downward.

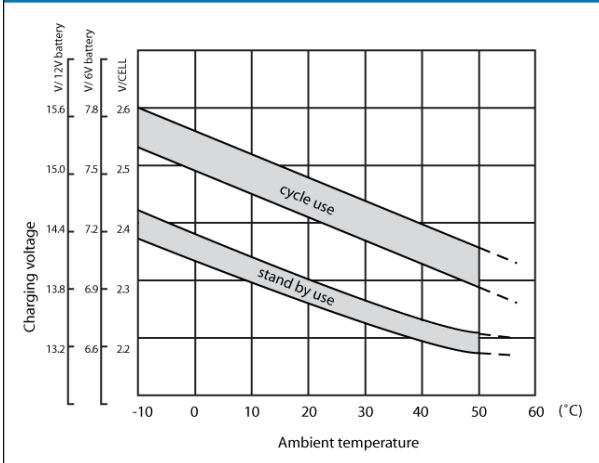
Charging characteristics



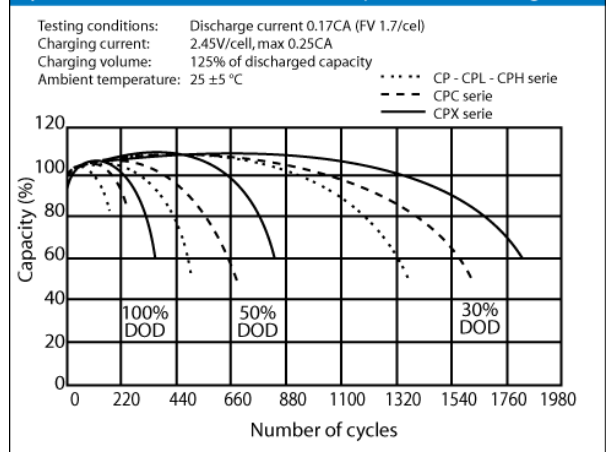
Discharge characteristics curves



Relationship between charging voltage and temperature



Cycle service life in relation to depth and discharge



Models available

| Model | capacity (Ah) | Dimensions (mm) | Weight (kg) |
|--------------|---------------|-------------------|-------------|
| CPX 20 - 12 | 20 | 181 x 76 x 166 | 6.45 |
| CPX 26 - 12 | 26 | 175 x 166 x 125 | 9.60 |
| CPX 33 - 12 | 33 | 195 x 129 x 166 | 11.50 |
| CPX 50 - 12 | 50 | 197 x 165 x 171 | 16.50 |
| CPX 80 - 12 | 80 | 260 x 168 x 215 | 25.50 |
| CPX 90 - 12 | 90 | 306 x 173 x 215.5 | 29.80 |
| CPX 110 - 12 | 110 | 330 x 173 x 227.5 | 34.30 |