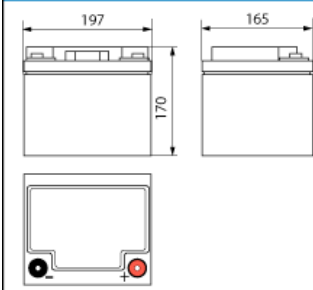
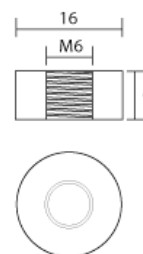


CPC 38-12I

Cyclic battery
Dimensions (mm)

Standard terminal (mm)


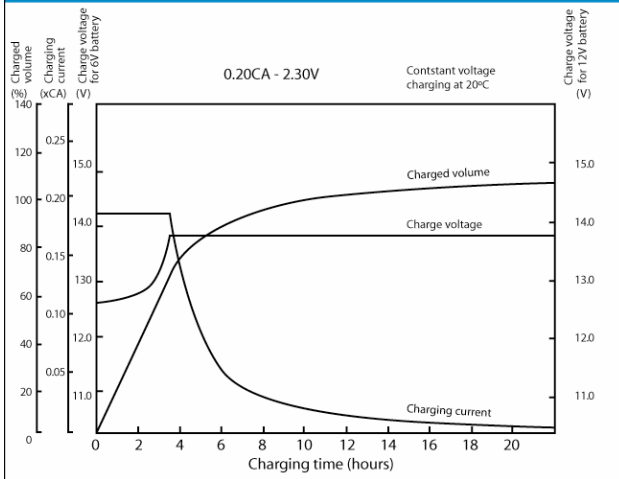
| | | |
|--------------------------------|----------------------------|----------------|
| Nominal voltage | 12 V DC | |
| Nominal Capacity (10HR, 20°C): | 38 Ah | |
| Nominal Capacity (20HR, 20°C): | 41,8 Ah | |
| Internal resistance | Approx. 18 m Ω | |
| Maximum charging current | 11,4 A | |
| Maximum discharge current | 513 A (5 sec.) | |
| Operating temperature range | -20°C ~ 50°C | |
| Float use/ cycle use | 13,6 – 13,8V/ 14,5 – 14,9V | |
| Standard terminal | Threaded Insert 6 mm | |
| Housing material | ABS FR GLASS HB | |
| Dimensions | length | 197 mm |
| | width | 165 mm |
| | height | 170 mm (±1 mm) |
| Approx. Weight | 14,5 kg | |
| Packing | 1 pcs/box | |

Typical applications:

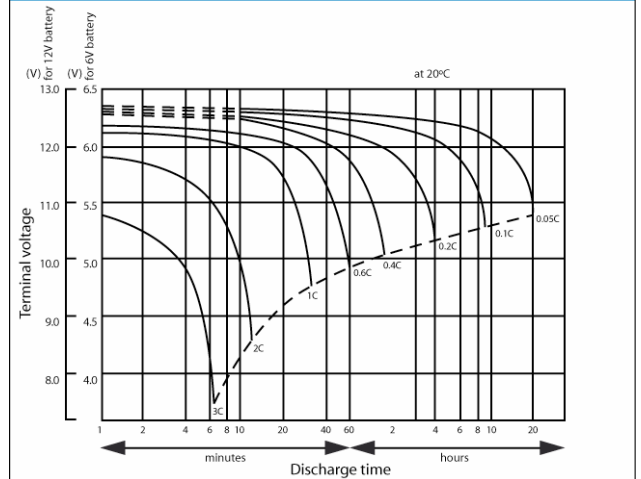
- Wheelchairs
- Lawnmower
- Vacuum cleaner
- Medical
- Equipment
- Toys

- Valve Regulated Maintenance Free
- Absorbent Glassmat Technology
- Built to comply with DIN 43534, IEC896-2, BS6290-pt.4, EUROBAT
- Low self discharge
- Classified as non- spillable and Non Dangerous goods by IATA, FAA, ADR, IMDG
- Can be discharged or stored in any position without leakage
- Cannot be charged while the terminal is downward.

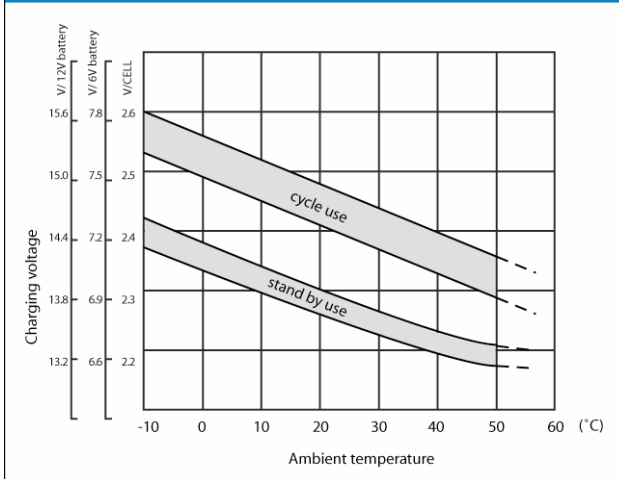
Charging characteristics



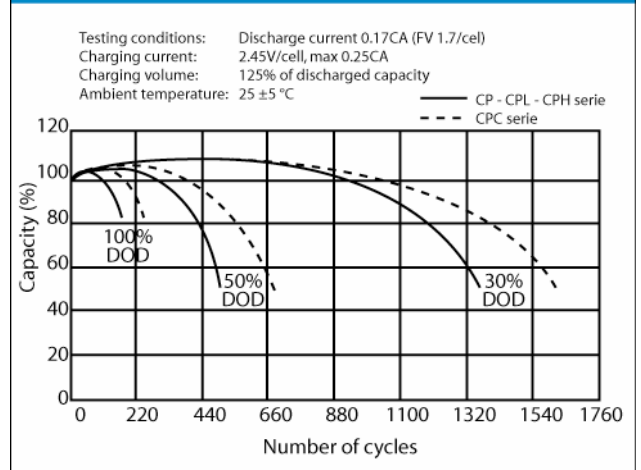
Discharge characteristics curves



Relationship between charging voltage and temperature



Cycle service life in relation to depth and discharge



Models available

| Model | capacity (Ah) | Dimensions (mm) | weight |
|--------------|---------------|--------------------|---------|
| CPC 9 - 12 | 9 | 151 x 65 x 100 | 2.6 kg |
| CPC 10 - 12 | 10 | 151 x 65 x 111 | 3.5 kg |
| CPC 12 - 12 | 12 | 151 x 98 x 101 | 3.7 kg |
| CPC 18 - 12 | 18 | 181,5 x 77 x 167,5 | 6 kg |
| CPC 24 - 12 | 24 | 166,5 x 175 x 125 | 8.9 kg |
| CPC 24 - 12G | 24 | 166,5 x 175 x 125 | 8.9 kg |
| CPC 33 - 12 | 33 | 195 x 130 x 180 | 11.2 kg |
| CPC 38 - 12 | 38 | 197 x 165 x 170 | 14.5 kg |
| CPC 55 - 12 | 55 | 228 x 138 x 208 | 19 kg |
| CPC 60 - 12 | 60 | 278 x 175 x 190 | 21.5 kg |
| CPC 75 - 12 | 75 | 259 x 168 x 208 | 23.3 kg |
| CPC 90 - 12 | 90 | 306 x 173 x 212 | 29 kg |
| CPC 110 - 12 | 110 | 330 x 173 x 220 | 31 kg |
| CPC 120 - 12 | 120 | 410 x 177 x 225 | 35 kg |
| CPC 135 - 12 | 135 | 344 x 171 x 280 | 46,3 kg |
| CPC 150 - 12 | 150 | 485 x 170 x 242 | 43 kg |
| CPC 160 - 12 | 160 | 530 x 209 x 214 | 41 kg |
| CPC 200 - 12 | 200 | 522 x 240 x 224 | 61 kg |