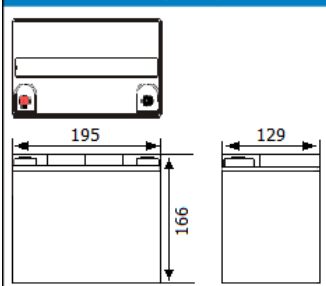
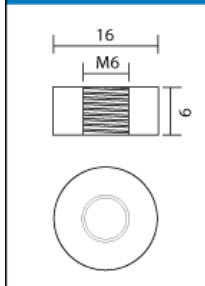


C P X 3 3 - 1 2

Dimensions (mm)

Standard terminal (mm)


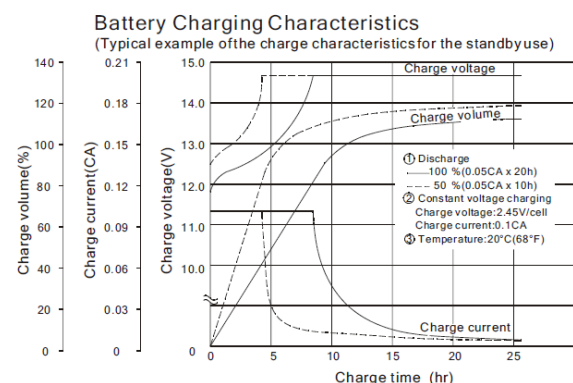
Nominal voltage		12 V DC
Nominal Capacity (5HR,20°C):		28 Ah
Nominal Capacity (10HR,20°C):		31 Ah
Nominal Capacity (20HR,20°C):		33 Ah
Internal resistance		Approx. 9 m Ω
Maximum charging current		9.90 A
Maximum discharge current		495 A (5 sec.)
Number of cycles		800 (50% D.O.D.)
Operating temperature 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
Dimensions	length	195 mm
	width	129 mm
	height	166 mm (±1 mm)
Approx. Weight		11.50 kg
Packing		1 pcs/box

Typical applications:

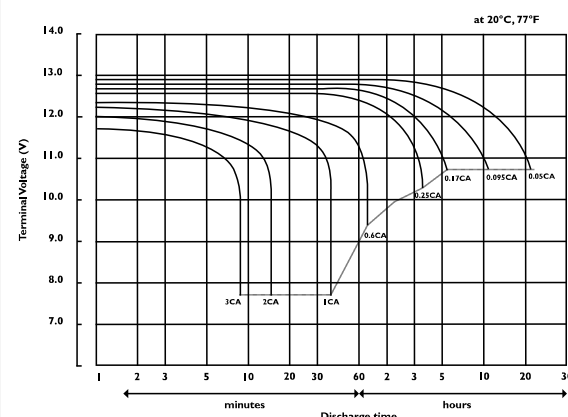
- Electric Vehicle
- Electric Wheelchairs
- E-bike
- Lawn mowers
- Golf-Carts
- Medical Equipment
- Boats

- 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.

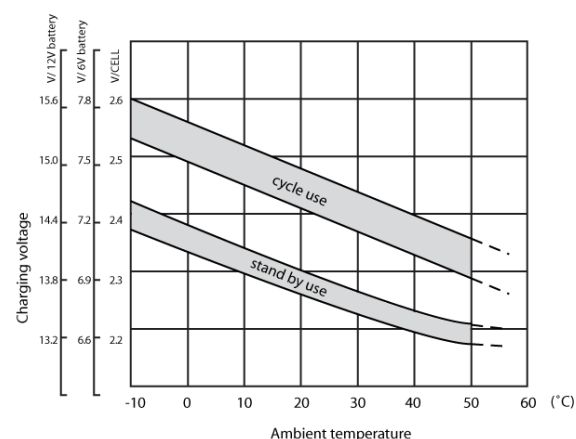
Charging characteristics



Discharge characteristics curves

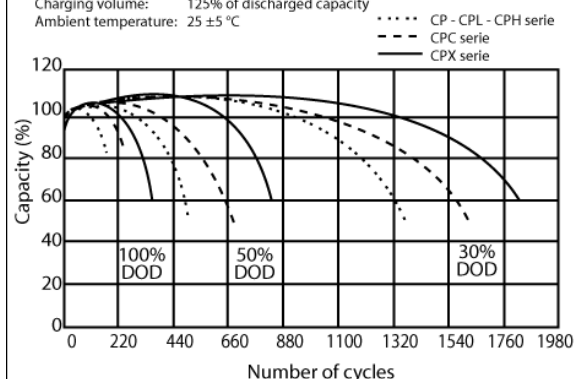


Relationship between charging voltage and temperature



Cycle service life in relation to depth and discharge

Testing conditions: Discharge current 0.17CA (FV 1.7/cell)
Charging current: 2.45V/cell, max 0.25CA
Charging volume: 125% of discharged capacity
Ambient temperature: 25 ± 5 °C



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	261 x 173 x 215.5	26.00
CPX 90 - 12	90	306 x 173 x 215.5	29.80
CPX 110 - 12	110	330 x 173 x 227.5	34.30