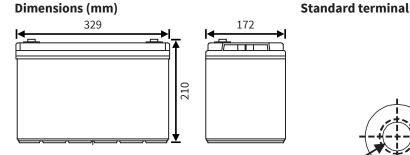


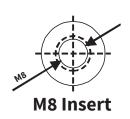
VRLA Battery

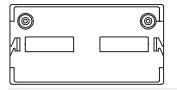
CPX 115.12



Extreme cyclic AGM battery (800 cycles)







- Electric vehicles
- · Mobility scooters
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine

Features

- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Produced under ISO 9001 & ISO 14001

Typical applications

- Electric wheelchairs

- Valve Regulated Lead Acid (VRLA)

- Battery cannot be charged while upside

Classified as

- Non-spillable goods by: IATA, FAA, ADR and IMDG
- Non-dangerous goods by: IATA, FAA, ADR and IMDG

Built to comply with

- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

Nominal voltage 12 V Nominal capacity (1.70V/c, 25°C) 20Hr: 115.0 Ah 10Hr: 110.0 Ah 5Hr: 105.0 Ah 2Hr: 73.8 Ah Internal resistance ≤3.1mΩ (fully charged) Maximum charge current 27.5 A 925 A (max. 5 sec) Maximum discharge current Number of cycles 800 (50% D.O.D.) Float use / cycle use 13.5 - 13.8V / 14.4 - 15.0V 0° C ~ 40° C Charge temperature range -20° C $\sim 50^{\circ}$ C Discharge temperature range Standard terminal M8 Insert (19 Nm torque) Housing material ABS (UL 94-HB) **Dimensions Length** 329 mm **Dimensions Width** 172 mm **Dimensions Height** 210 mm Approximate Weight 32.5 kg **Packing** 1 pcs / box

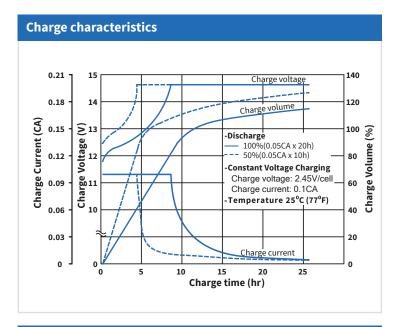
Recommended

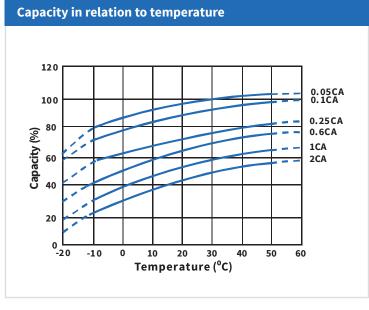
Having the right battery is often just the beginning. Optimal use of a battery requires having a good battery charger, so that the user can be sure that their battery is always optimally charged and has maximum lifespan.

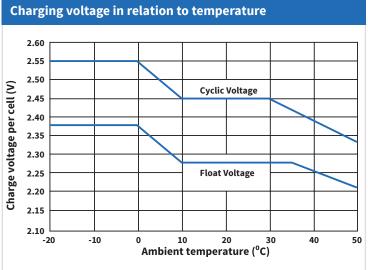
Powercell offers various intelligent battery chargers, as well as battery testers, battery monitors and battery guards. All designed to easily monitor the battery quality and make sure the battery remains in the best condition possible.

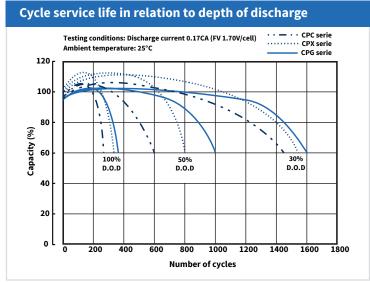


VRLA Battery









Models available				
Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPX 20-12	12	20	181x76x166	6.45
CPX 26-12	12	26	175x166x125	9.60
CPX 33-12	12	33	195x129x168	11.50
CPX 45-12	12	40	199x166x170	13.90
CPX 50-12	12	50	197x165x171	16.50
CPX 60-12	12	60	260x168x180	21.50
CPX 63-12	12	63	275x171x188	20.70
CPX 75-12	12	75	261x166x171	20.00
CPX 80-12	12	80	260x168x215	25.50
CPX 100-12	12	100	261x169x211	26.00
CPX 115-12	12	115	329x172x210	32.50
CPX 125-12	12	125	331x172x215	32.50

Cellpower family

Cellpower supplies a broad range of reliable AGM, GEL and Lithium batteries. Each product series has its own unique characteristics, so that there is a suitable battery for every application with its associated specific usage profile. Combined with the right Cellpower battery accessories, you are able to assemble a high-quality and reliable battery system.

The sealed, maintenance-free AGM lead battery type has a long operational lifetime. When used correctly, the Absorbent Glass Mat (AGM) technology offers dependable, lasting service. Addi-

tionally, AGM batteries exhibit very little self-discharge when compared with other lead-acid batteries. Sealed lead-acid batteries require low maintenance and do not need to be refilled with water or other liquids.

