

CPXL PL 100-12



Cell terminal:



Connector*:



*: High current cable terminal available

Specifications

Voltage:	12 Volt
Rated capacity:	100Ah
Dimensions:	
Length	280mm
Width	125mm
Height	234mm
Approximate weight:	12.2 kg
Discharge rate:	200A
Peak discharge rate:	300A (10 sec.)
Cell terminal:	4x M4 Female insert

Features:

- Lightweight
- Designed for cyclic use
- Designed for high drain/high current applications
- Cell terminals protected with cap
- Lithium iron phosphate chemistry
- Can be used in any orientation
- Maintenance free

Battery Management System

Working voltage:	10.0V ~ 14.6V
Charging temperature:	0 °C ~ 45 °C
Discharging temperature:	-20 °C ~ 60 °C
Storage temperature:	-20 °C ~ 45 °C
CC/CV Charging:	50A to 14.6V
Balancing current:	0.5A
Remark	Use Cellpower battery guard for under- and overcharge protection. Available separately

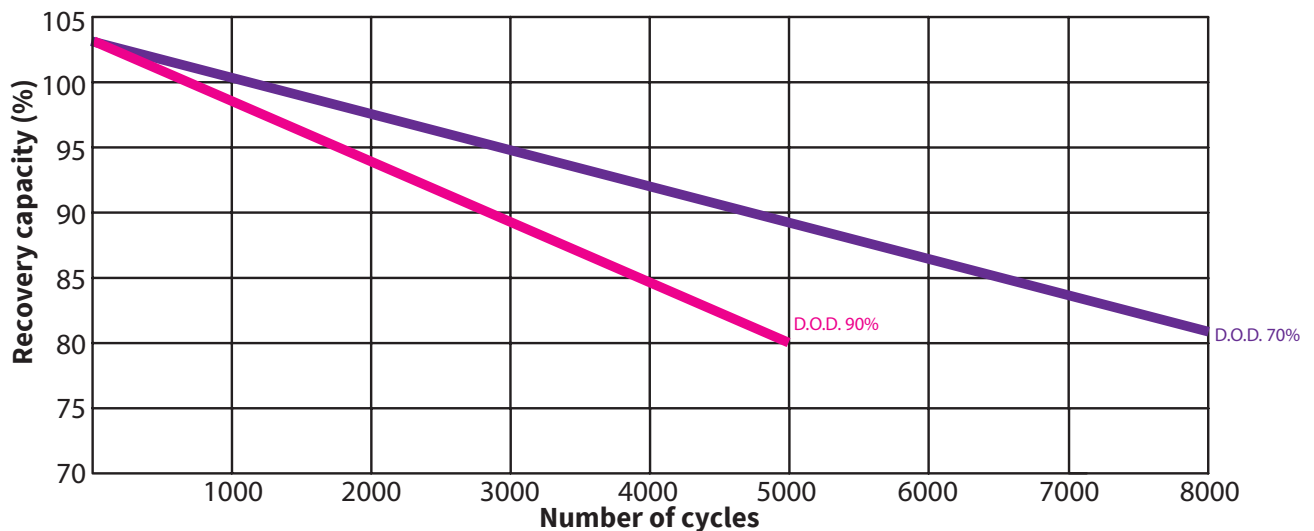
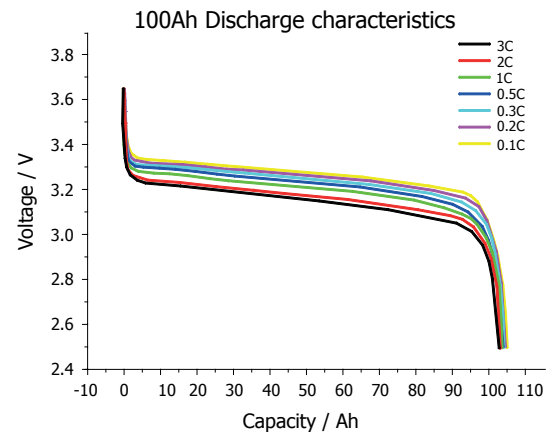
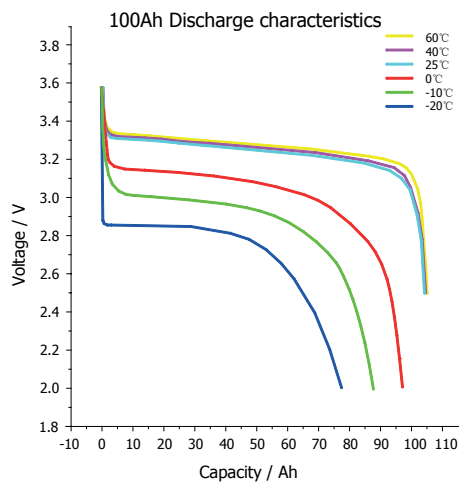
Typical applications:

- High power electric vehicles
- Solar and wind energy storage
- Wheelchairs and scooters
- Golf trolleys and buggies
- Lifts, elevators and hoists
- Electric bikes and steps
- Tools

Available Models

Model	Voltage	Capacity Ah (20hrs)	Dimensions (mm)			Weight (kg)
			L	W	H	
CPXL PL 20-12	12	20	72	168	152	2.8
CPXL PL 40-12	12	40	204	126	180	5.8
CPXL PL 60-12	12	60	280	126	180	10.2
CPXL PL 100-12	12	100	260	125	234	11.5

Discharge characteristics



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.

Cellpower 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.



Recommended for CPXL PL 100-12: Cellpower Battery guard

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're able to assemble a high-quality and reliable battery system.

