

**CLPL100-3.2HE
SINGLE CELL**

Cellpower Professional Lithium (5000 cycles)

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

Features

- Lightweight
- Designed for extreme 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
- Calender life 15 years at 25°C

Nominal voltage	3.2 V
Rated capacity	100Ah
Internal resistance	≤0.7mΩ (fully charged)
Maximum discharge current	100 A (Continuous)
	200 A (max. 10 sec)
Number of cycles	5000 (80% D.O.D.) 1C/1C
Charge temperature range	0°C ~ 45°C
Discharge temperature range	-20°C ~ 55°C
Standard terminal	M8 (Stud)
Dimensions Length	135 mm
Dimensions Width	35 mm
Dimensions Height (incl. terminals)	230 mm
Approximate Weight	2.05 kg

Cellpower Professional Lithium

Cellpower CLPL (Cellpower Lithium Professional Line) batteries are custom made to meet customer specific requirements. Thanks to the Lithium technology, CLPL batteries can perform under the most demanding circumstances, are lightweight, compact and are able to do up to 10 times more cycles than conventional cyclic AGM batteries.

Discharge characteristics