

LFP SMART POWERPACKS - 12V STANDARD REPLACEMENT RANGE

THE SMART GENERATION OF ENERGY STORAGE



Longer life with increased charge cycles



Two thirds less weight than
equivalent lead acid batteries



Smart Battery Management System
built in for easy recharge and safety



Fully recyclable

**NON
TOXIC**

Non toxic - no lead, no heavy metals



Zero emissions and rated to 55°C
operating temperature



Australian designed and engineered





THE SMART GENERATION OF ENERGY STORAGE IS HERE.

Featuring

- Two thirds less weight than lead acid batteries
- Smart Battery Management System built in - easy recharge and more cycles
- Fully recyclable packs
- Non toxic - no lead, no heavy metals
- Zero emissions and rated to 55°C operating temperature
- 100% depth of discharge (DoD) possible every cycle

Your benefits

- Lighter weight and smaller size for ease of handling
- 4 times longer cycle life than lead acid means less replacements and cheaper maintenance*
- All materials in the LFP Smart Powerpacks can be extracted and recycled and are accepted by commercial recyclers
- The LFP* chemistry means no expansion, emissions or excess heat generation
- The smart Battery Management System will always protect the cells, great for constant demand from vital systems
- Make the most of available sunlight from PV solar panels
- LFP gives approx. 4000 cycles compared to 1000 cycles for Lead Acid at 75% Depth Of Discharge (DoD)

*Lithium Ferro Phosphate

Colour coded terminals

Smart Battery Management System built in for easy recharge and safer discharge



IT'S SMARTER WITH BMS (BATTERY MANAGEMENT SYSTEM)

Each LFP Powerpack has an internal self regulating Battery Management System (BMS). The BMS protects the battery from irregular charge feed and over voltage/over current events. Charging has never been easier and safer. Ideal for Solar PV designs. The BMS also monitors internal cell temperature.

LFP 12v 100 Ah specifications (see back page for all other specifications)

Technology:	LiFePO ₄
Nominal voltage:	12.8V
Nominal capacity:	100AH
Nominal current:	25A
Maximum current:	100A
Charge/discharge:	5000 cycles at 75% DOD
Operating temperature:	-20 to 55°C
Size (L x W x H):	342 x 173 x 212mm
Warranty:	See www.genz.com.au
Weight:	14kg




Internal Battery Management System

Over-voltage cut-off	14.6V
Under-voltage cut-off	10V
Over-temperature cut-off	65°C
Short circuit protection	140±30A (20mS trip)



DESCRIPTION		
1	12V 6.4AH LIFEP04 BATTERY Weight: 0.9KG±0.1Kg Dimension: 152*65*93mm	
2	12V 7.5AH LIFEP04 BATTERY Weight: 1.1KG±0.1Kg Dimension: 152*65*93mm	
3	12V 12AH LIFEP04 BATTERY Weight: 1.7KG±0.1Kg Dimension: 151*98*94mm	
4	12V 16AH LIFEP04 BATTERY Weight: 2.2KG±0.2Kg Loom included in kit Dimension: 168*128*98mm	
5	12V 18AH LIFEP04 BATTERY Weight: 2.7KG±0.2Kg Dimension: 180*76*166mm	
6	12V 20AH LIFEP04 BATTERY Weight: 2.8KG±0.2Kg Dimension: 180*76*166mm	
7	12V 22AH LIFEP04 BATTERY Weight: 2.9KG±0.2Kg Loom included in kit Dimension: 168*128*126mm	

DESCRIPTION		
8	12V 26AH LIFEP04 BATTERY Weight: 3.4KG±0.2Kg Dimension: 166*125*173mm	
9	12V 30AH LIFEP04 BATTERY Weight: 3.9KG±0.2Kg Dimension: 175*175*122mm	
10	12V 33AH LIFEP04 BATTERY Weight: 4.3KG±0.2Kg Dimension: 195*133*157mm	
11	12V 40AH LIFEP04 BATTERY Weight: 5.7KG±0.2Kg Dimension: 195*166*176mm	
12	12V 55AH LIFEP04 BATTERY Weight: 7.85KG±0.2Kg Dimension: 257*133*210mm	
13	12V 65AH LIFEP04 BATTERY Weight: 9.2KG±0.2Kg Dimension: 250*160*212mm	
14	12V 100AH LFP BATTERY Weight: 13.6KG±0.2Kg Dimension: 342*173*212mm	

Specification sheets available for each LFP Smart Powerpack.

Product design and specification subject to change or modification without notice - images for illustration only. E80E.



genZ is represented in Australia, Asia and Pacific by Radlink Communications



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