

LITHIUM FERRO PHOSPHATE BATTERY

SCALABLE ENERGY STORAGE

Specifications – GC12V-120LFP-C

Nominal voltage DC	12.8V DC
Nominal capacity	120Ah
Maximum Discharge Current	150A (30 sec)
Maximum Charge Current	61A
Charge/discharge cycles (0.2C, 25°C)	2,000 @ 100% DoD 6,000 @ 80% DoD 10,000 @ 70% DoD
Operating temperature	Charge 0° to 45°C Discharge -20° to 60°C
Operating humidity (non condensing)	< 85%
IP Rating	IP52
Battery case dimensions (mm)	330L x 173W x218H
Terminal connection	M8
Weight	14Kg
Bulk charge	14.4V
Absorption charge	14.4V - 2hours
Float charge	13.8V
BMS over volt cut off	14.6V
BMS under volt cut off	10V
BMS over temp cut off	65°C
BMS Short Circuit Cut Off	200A ($\pm 30A$, 20ms Trip)
Self-discharge	14% per annum
Lithium composition	Lithium Ferro Phosphate (LiFePO ₄ or LFP)
Casing	Plastic
Certifications	See genz.com.au



Contact Us

Perth 1/21 Oxleigh Drive, Malaga WA 6090

Phone 1300 73 55 83

Email sales@genz.com.au

Web www.genz.com.au

ABN 62 612 014 589