



Lilloop Lithium Battery for Hope UPS, 12V 100Ah

Salient Features



Compact Size and Less Weight
Fast Charging
Higher Backup
Longer Life
Maintenance Free

5 Years Full Warranty

General Characteristics	Model name	Li-Loop UPS Tension free Battery
	Chemistry	LFP
	Capacity(Ah)	100 Ah
	Number of cells in series	4
	Number of cells in Parallel	1
	Total Number of cells	4
	Nominal Voltage	12V
	KwH	1200 Wh
	BMS Type	Balancing Type(Passive)
Electrical Characteristics	Operating Voltage Range	10V-14.8V
	Charging Mode	CC-CV
	Recommended Charging Voltage	14.6V
	Standard Charging Current	30 Amp
	Standard Discharging Current	20 Amp
	Lower Cutt off voltage for cell	2.7
	Upper Cut off Volatge for cell	3.7
	Overtemperature protection in discharge mode	75
	Overtemperature protection in charge mode	65
	Over temperature protection recovery in discha	65
Protection	Over temperature protection recovery in charg	55
	Cell Overvolatge protection	YES
	Cell undervoltage protection	YES
	Charging overcurrent protection	YES
	Discharging over current protection	YES
	Output short circuit protection	YES
Temperature Characteristics	cell temperature protection in discharging mod	YES
	Maximum working Temperature	10- 50°C
Warranty	Storage Temperature	10- 45°C
	85% DOD	5 Years
Mechanical characteristics	Module Dimension(L*W*H) in mm	680*325*265
	Cabinet Design	IP65
	Power connector	Anderson connector SB50
	weight	11Kgs