

Lifos Go 72Ah Technical Data Sheet (LB072)

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8V
Nominal Capacity	72Ah
Energy	921.6Wh
Resistance	≤10mΩ
Efficiency	≥90%
Self Discharge	≤3% per month
Maximum Batteries in Series (see table page 4)	4PCS
Maximum Batteries in Parallel (see table page 4)	4PCS

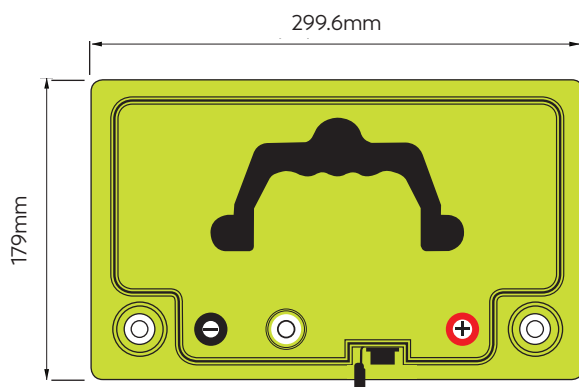
DISCHARGE SPECIFICATIONS

Continuous Discharge Current	<80A
Peak Discharge Current	120A (3 minutes)
Peak Discharge Current	210A (6 seconds)
BMS Discharge Current Cut Off	>250A (2 seconds)
Battery High Temperature Cut Off	50°C Charge/60°C Discharge
Recommended Low Voltage Disconnect	≥11.2V
Reconnect Voltage	≥12V
Short Circuit Protection	>700A / External fuse is necessary

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20-60°C
Charge Temperature	0-50°C
Storage Temperature	-20-40°C
BMS High Temperature Cut-Off	85°C±5°C

DIMENSIONAL SPECIFICATIONS



MECHANICAL SPECIFICATIONS

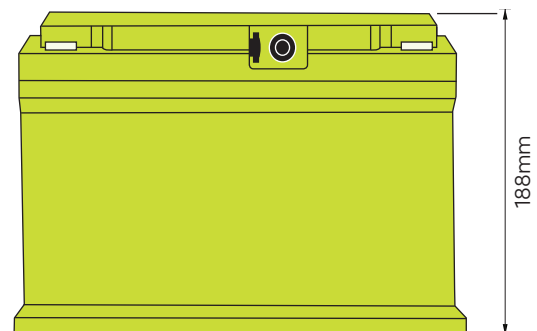
Dimensions inc terminals (LxWxH)	299.6 x 179 x 188mm
Weight	10.4kg
Terminal Type	Threaded Insert - M8
Terminal Torque	8-10N.m
Case Material	ABS + PC, UL 94V-0
Enclosure Protection (IP rating)	IP65
Cell type - Chemistry	LiFePO4

CHARGE SPECIFICATIONS

Recommended Charge Current	15-20A
Maximum Charge Current	70A
BMS Charge Current Cut Off	>7.5A
Recommended Charge Voltage	14.4V-14.6V
BMS Charge Voltage Cut Off	3.75V±0.025V/cell
Reconnect Voltage	3.0V±0.02V/cell
Balancing Voltage	3.45V/cell

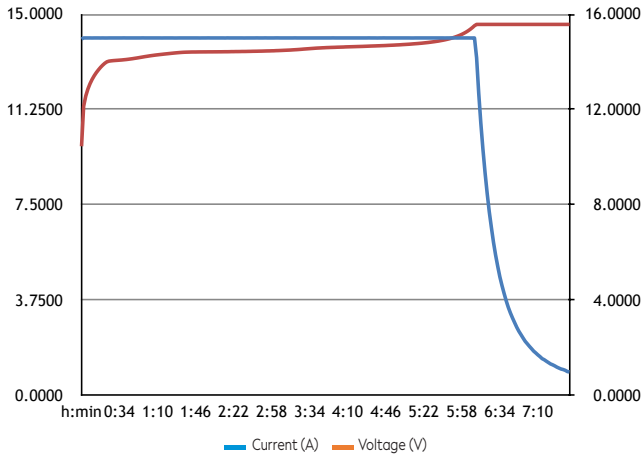
COMPLIANCE SPECIFICATIONS & COMMUNICATIONS

Certifications	CE - EN 55032:2015/7	GTG
	UN38.3	GTG
Shipping Classification	UN3480	Class 9
		See MSDS
Communications	Bluetooth Information App	Android & IOS

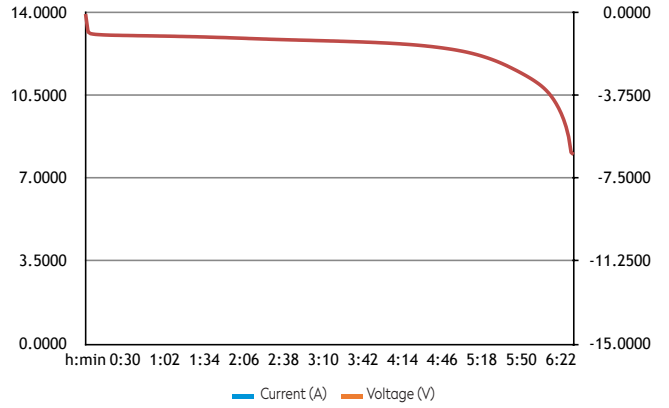


PERFORMANCE CHARACTERISTICS

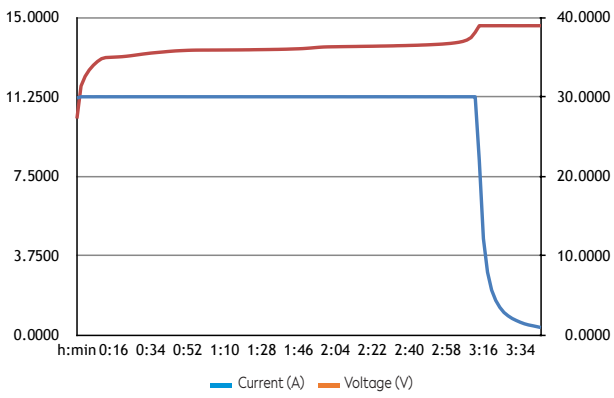
15A Charge @ 5°C



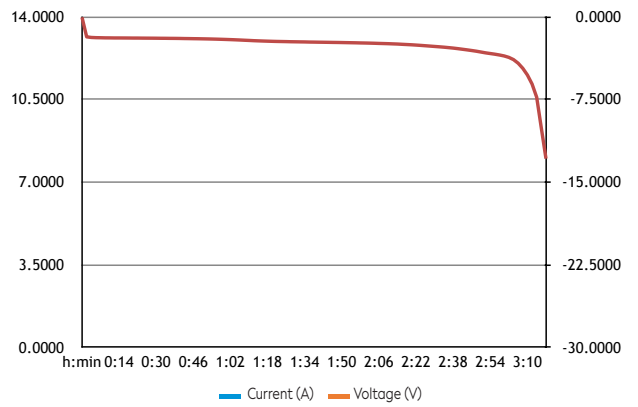
15A Discharge @ 5°C



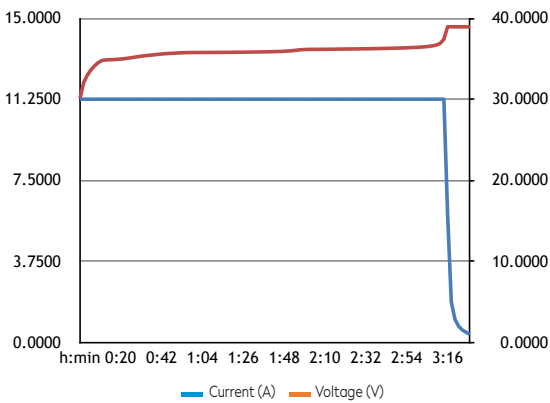
30A Charge @ 25°C



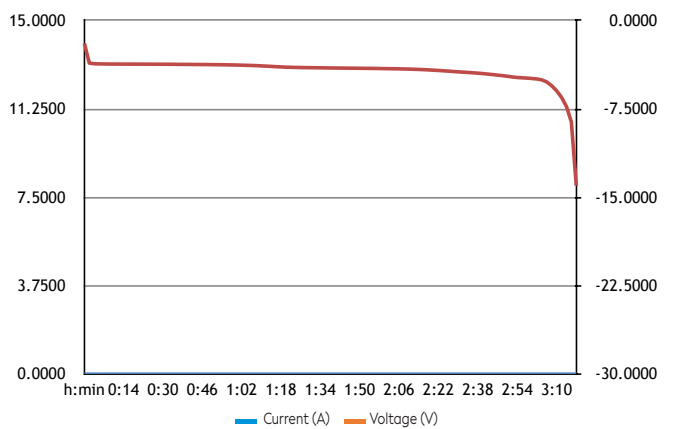
30A Discharge @ 25°C



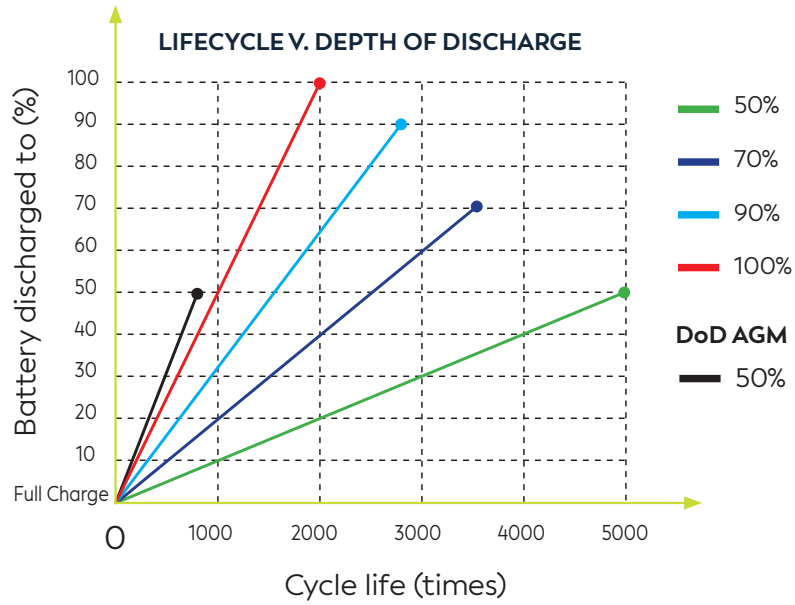
30A Charge @ 35°C



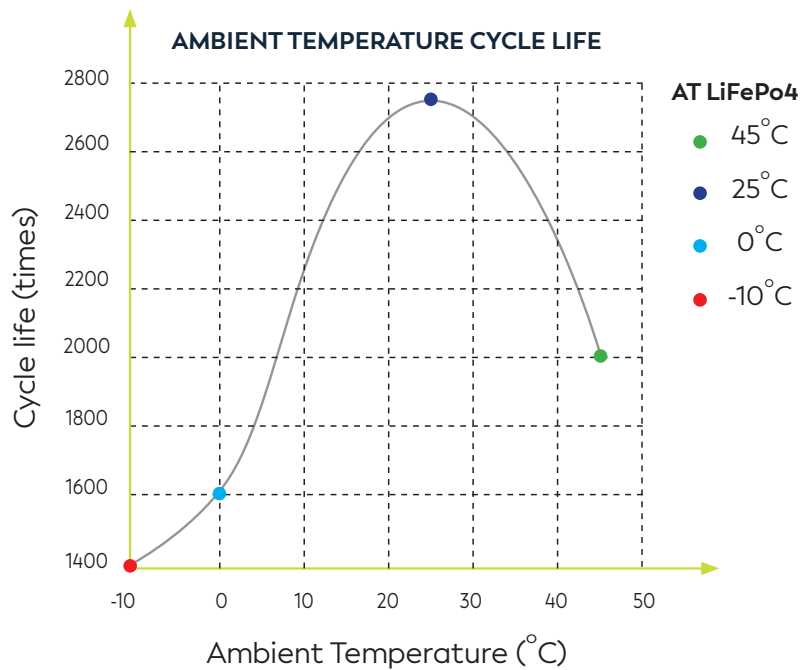
30A Discharge @ 35°C



PERFORMANCE CHARACTERISTICS



Depth of Discharge	100% DOD	90% DOD	70% DOD	50% DOD
Cycle life (times)	2000	2750	3500	5000



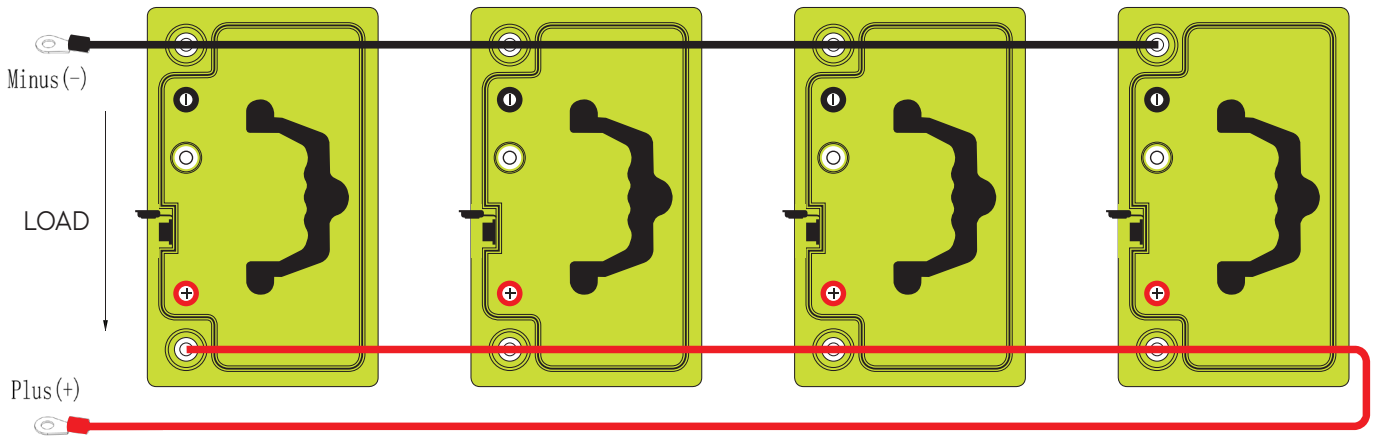
Ambient Temperature	-10°C	0°C	25°C	45°C
Cycle life (times)	1400	1600	2750	2000

POWER BANK CREATION

Lifos Go 200Ah can be connected up in parallel or series when needed but only in the below configurations:

PARALLEL	SERIES			
	1 (12v)	2 (24v)	3 (36v)	4 (48v)
1	YES	YES	YES	YES
2	YES	YES	YES	YES
3	YES	YES	NO	NO
4	YES	YES	NO	NO

4 Parallel/48V



4 Series/48V

