

iTECH120X PRO

LITHIUM LIFEPO4 DEEP CYCLE BATTERY

The iTECH120X PRO Lithium Battery is the result of over ten years of design and development from our Australian engineers. A true drop-in lithium replacement for your existing system, the iTECH120X PRO has an impressive 100% useable capacity, IP67 waterproof, under-bonnet rated and weighs only 12.5KG.

Designed in Australia, iTechworld Lithium Batteries have are tested to withstand the unique Australian climate.

120AH

LIFEPO4

IP67
WATERPROOF

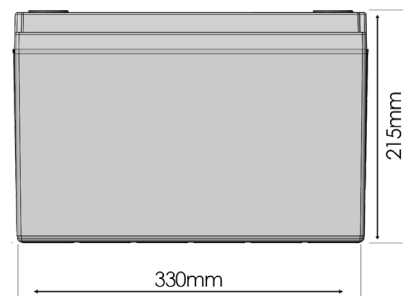
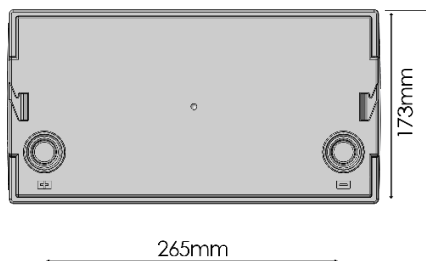
4000+
CYCLES



SUITABLE FOR

Caravans, Campervans, Boats, Under-bonnet, RV's, 4WD Canopies, Battery Boxes, Dual-Battery Systems

DIMENSIONS



SPECIFICATIONS

Nominal Voltage	12.8V	BMS Operating Temperature	-40 °C to +80 °C
Nominal Capacity (C20)	120Ah	Battery Output Voltage Range	10V to 14.6V (approx)
Cell Structure	A Grade Prismatic Cells	Maximum Discharge Current	275A (5 seconds)
Cell Technology	LiFePO4	5 Minute Discharge	175A
Cycle Life (100% DoD)	4000+	Continuous Discharge	150A
Cycle Life (50% DoD)	8000+	BMS Charge Cut Off Voltage	15.4V
Optimal Operating Temperature	+5 °C to +60 °C	BMS Low Voltage Cut Off (Safe Mode)	≤10V
Recommended Charge Voltage	14.2V to 14.6V	Short Circuit Protection	Yes
Standby (Float) Voltage	13.5V	Waterproof Rating	IP67
Maximum Charge Current	100A	Vibration Proof	Yes
Parallel Connection	Unlimited	Weight	12.5KG
Series Connection	48V Max	Warranty	5 Year Australian Warranty
Terminal Type	M8 Terminal Bolts	Dimensions	330x173x225mm (LxWxH)

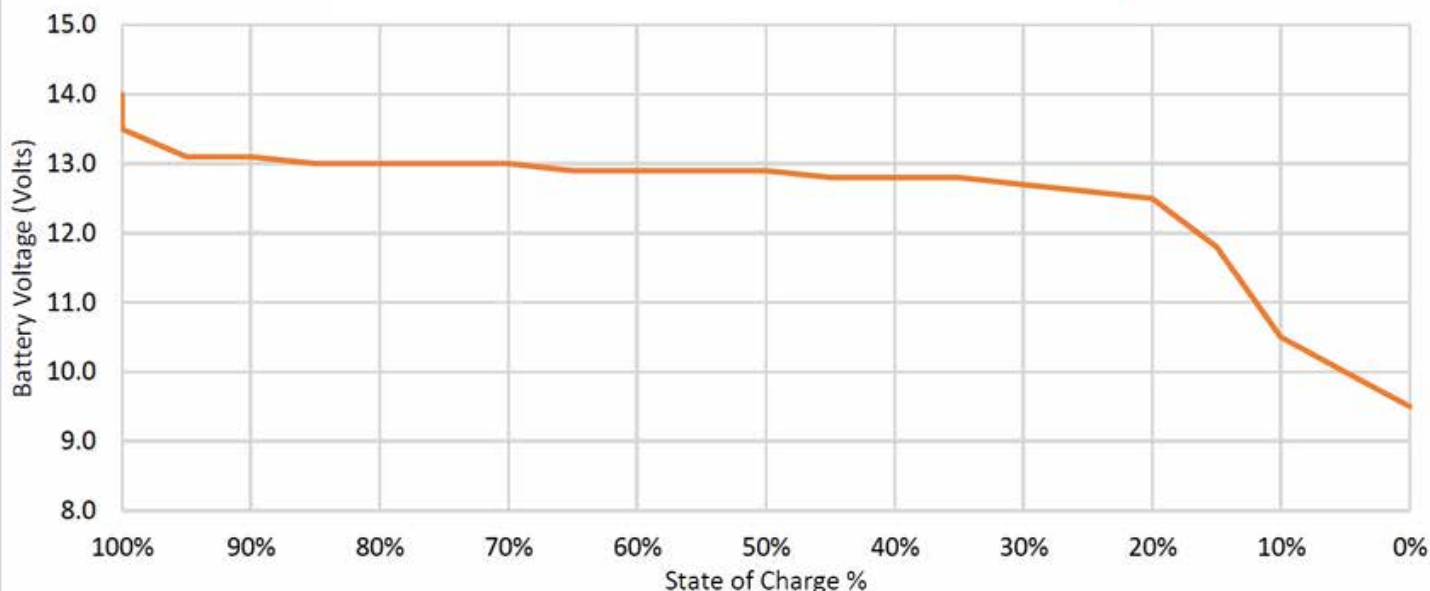
CERTIFICATIONS



iTECH120X PRO

LITHIUM LiFePO4 DEEP CYCLE BATTERY

DISCHARGE CURVE



PRODUCT FEATURES



LONGER LASTING

4000+ Cycles @ 100% DoD



DROP-IN REPLACEMENT

No changing of chargers or systems required



IP67 WATERPROOF

Submerge in 1m for up to 30 minutes



LIGHTWEIGHT

Only weighs 12.5KG



UNDER-BONNET USE

Suitable for under-bonnet applications



HIGH DISCHARGE

Perfect for use with inverters



MULTI ANGLE FITMENT

Mount at 90° for flexible fitment



HEAVY DUTY ABS CASE

Impact resistant and durable



AUSTRALIAN DESIGNED

Developed in Perth, Western Australia



60 MONTHS WARRANTY

3 year full-replacement, 2 year pro-rata

STATE OF CHARGE

100%	14.0V
100%	13.8V
100%	13.5V
95%	13.1V
90%	13.0V
85%	13.0V
80%	13.0V
75%	13.0V
70%	13.0V
65%	12.9V
60%	12.9V
55%	12.9V
50%	12.9V
45%	12.8V
40%	12.8V
35%	12.8V
30%	12.7V
25%	12.6V
20%	12.5V
15%	11.8V
10%	10.5V
0%	9.5V

For more information

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iTECHWORLD
THE POWER EXPERT