

# iTECH120X

LITHIUM LIFEPO4 DEEP CYCLE BATTERY

The iTECH120X 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 has 50% more useable energy, ten times greater lifespan, weighs 60% less and will charge up to ten times faster than the equivalent lead-acid battery. Fully IP67 waterproof, the iTECH120X can be submerged for up to 30 minutes.

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

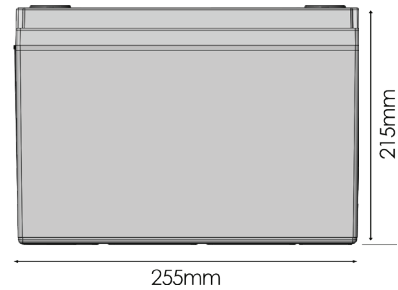
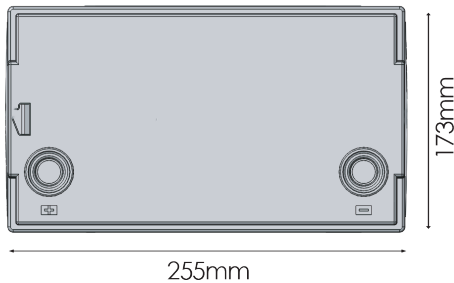
**12.8V** **LIFEPO4** **IP67 WATERPROOF** **4000+ CYCLES**



## SUITABLE FOR

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

## DIMENSIONS



## SPECIFICATIONS

<b>Nominal Voltage</b>	12.8V	<b>BMS Operating Temperature</b>	-5 °C to 80 °C
<b>Nominal Capacity (C20)</b>	105Ah	<b>Battery Output Voltage Range</b>	10V to 14.6V (approx)
<b>Cell Structure</b>	A Grade Prismatic Cells	<b>Maximum Discharge Current</b>	275A (5 seconds)
<b>Cell Technology</b>	LiFePO4	<b>5 Minute Discharge</b>	175A
<b>Cycle Life (100% DoD)</b>	4000+	<b>Continuous Discharge</b>	150A
<b>Cycle Life (50% DoD)</b>	8000+	<b>BMS Charge Cut Off Voltage</b>	15.4V
<b>Optimal Operating Temperature</b>	+5 °C to +60 °C	<b>BMS Low Voltage Cut Off (Safe Mode)</b>	≤10V
<b>Recommended Charge Voltage</b>	14.2V to 14.6V	<b>Short Circuit Protection</b>	Yes
<b>Standby (Float) Voltage</b>	13.5V	<b>Waterproof Rating</b>	IP67
<b>Maximum Charge Current</b>	100A	<b>Vibration Proof</b>	Yes
<b>Parallel Connection</b>	Unlimited	<b>Weight</b>	10KG
<b>Series Connection</b>	24V Max	<b>Warranty</b>	5 Years
<b>Terminal Type</b>	M8 Terminal Bolts	<b>Dimensions</b>	255x170x215mm (LxWxH)

### CERTIFICATIONS

