

12V 220Ah Slimline Battery with SmartSense DC-DC Charger

The REMCO XTRA series with SmartSense has an ingenious way of working with Smart Alternators. Simply plug your start battery connection directly into the DC input Blue Anderson Plug and charging is optimised to work straight out of the box. For those who want to configure an ignition trigger input, or more sophisticated charging set-ups, the battery has these options available on the two variable switch settings on the battery.

Constructed using hard case metal lithium iron phosphate cells, the battery has an inbuilt Battery Management System (BMS) designed and developed in Australia. Providing up to 240A of continuous discharge and accepting up to 240A of charge, the battery is ready to power your high amperage appliances. The strong aluminium outer enclosure delivers a safe, lightweight and powerful unit which is the perfect building block for next generation battery systems.

At just 24 kg, the unique slimline shape makes it the perfect battery for installations where space is a premium. Slide it behind a seat, under a tray, or against the wall in a custom canopy.

RM12-220LFPXSLSS

Chemistry	LiFePO ₄
Nominal Voltage	12.0 V
Nominal Capacity	220 Ah
Nominal Energy	2.7 kWh
Input Charge Voltage	13.8 V - 14.6 V
	14.0 V recommended
100% SoC Voltage	13.8 V
Low Voltage cut-off	10.5 V approx
Charge Current	240 A max
Discharge Current	240 A max cont. 480 A surge
Operating Temp.	See overleaf
Weight	24.0 kg
Packaged Weight	24.8 kg approx.
Life at 80% DoD	2000 cycles
Life at 50% DoD	5000 cycles
Parallel Capable	Yes (Unlimited)
Series Capable	Yes (Max. 2 in series)
Size	W 257 mm
	D 90 mm
	L ₁ 672 mm
	L ₂ 682 mm (inc. terminals/handles)

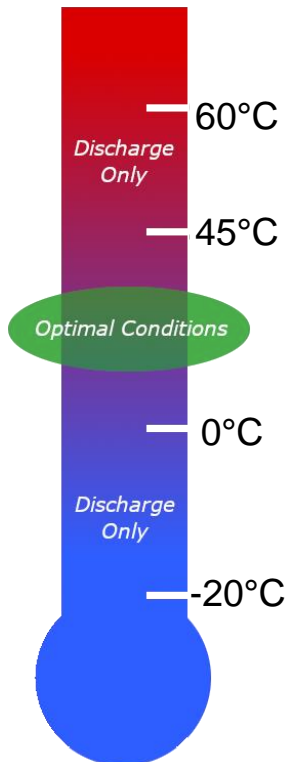
FEATURES

- ✓ Strong, compact aluminium enclosure
- ✓ Internal BMS
- ✓ Over/Under voltage protection
- ✓ Overcurrent protection
- ✓ Short circuit protection
- ✓ Parallel connect capable
- ✓ Integrated DC-DC Charger with SmartStart: 40 A, 10 V-16 V
- ✓ M8 Threaded Hole Terminals
- ✓ 1x Grey Anderson (50A Input/Output)
- ✓ 1x Blue Anderson (DC-DC Input)
- ✓ Battery On/Off Switch
- ✓ Designed and fully assembled in Australia



12V 220Ah Slimline Battery with SmartSense DC-DC Charger

TEMPERATURE NOTICE



At temperatures above 60°C, the battery must **NOT** be **operated** (charge or loads). Please move the battery into a cooler environment.

At temperatures above 45°C, the battery must **NOT** be **charged**. Battery lifespan is reduced in these conditions.

Maintain your battery within this range for optimum battery lifespan and performance.

At temperatures below 0°C, the battery must **NOT** be **charged**. Battery performance is reduced in these conditions.

At temperatures below -20°C, the battery must **NOT** be **operated** (charge or loads). Please move the battery into a warmer environment.

INCLUSIONS

Mounting bracket kit

WIREFRAME DIAGRAM

