



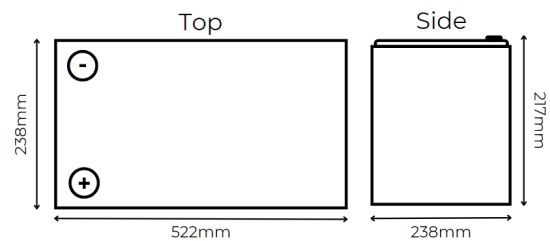
**RED POLE  
ENERGY**

# 12V 210Ah DATA SHEET



## PRODUCT FEATURES

- Ultra safe lithium iron phosphate (LiFePO4) cells
- Integrated battery management system (BMS)
- Longer service life: >2000 cycles service life
- Deep discharging: Can be 100% drained
- Light weight and compact
- LCD battery voltage & capacity gauge
- Water and dust resistant (IP55)
- Highly durable sealed ABS plastic enclosure
- Sealed and non-liquid (No fumes, no leaking, mount in any position)



## TYPICAL APPLICATION

- Drop-in 2 x 12v 100Ah lead acid deep cycle replacement batteries
- Load shedding backup
- Solar storage battery

## TECHNICAL SPECIFICATION

Model	RP-12V-210AH		
Nominal Voltage	12.8V	Recommended Discharge Low Voltage	12V
Usable Capacity	2688Wh	Recommended Bulk Charge Voltage	14.4V
Nominal Capacity @ 0.2C	210Ah	Recommended Float Charge Voltage	13.8V
Dimensions (L x W x H) (mm)	522 x 238 x 217	Self-Discharge Rate	< 3.5% per month
Weight (kg)	19.8kg	Operating Temperature Range	Charge: 0°C to 45°C   Discharge: -20°C to 60°C
Terminal   Connectors	M8 Terminals	Humidity Range	< 95% RH
Display	LCD SOC & V	Protection	Over-voltage   Under-voltage   Short circuit
Discharge Current   Max Continuous	200A	IP Rating	IP65
Peak Discharge Current (< 3s)	600A	Casing Material	ABS Plastic
Charge Current   Max Continuous	200A	Expected Lifespan	100%DoD > 2000 cycles   80%DoD > 3000 cycles   50%DoD > 5000 cycles (0.2C charging and discharging, 25°C)
Cell Type	Cylindrical LFP   LiFePO4	Warranty	3 years / 3000 cycles
Operating Voltage Range	11.6V - 14.4V	Certifications	UN38.3   MSDS   UL1973   UL9540A

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