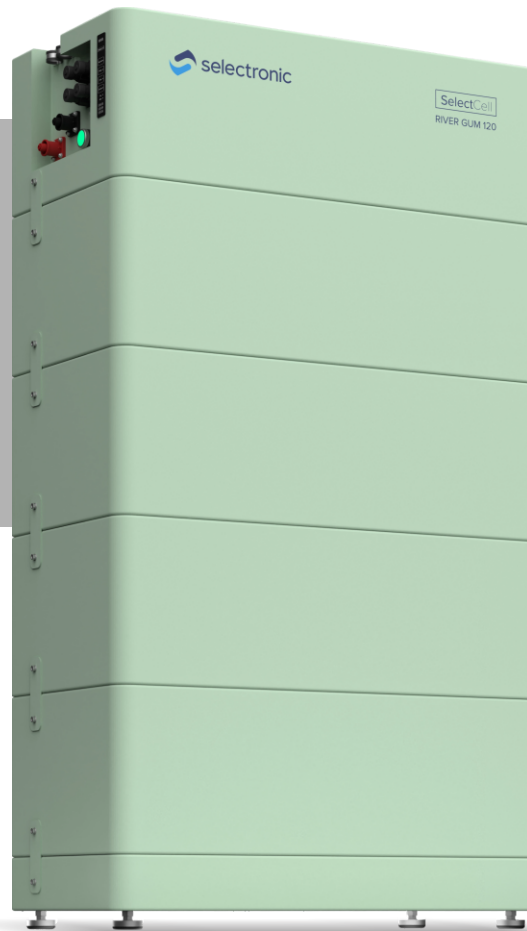


Modular Battery Storage System

Selectronic's premium 120V battery solution, engineered to meet the demanding energy needs of commercial, agricultural and critical infrastructure sectors.

The River Gum 120 brings robust, decentralised storage to homes, farms, remote emergency stations and commercial sites that demand reliability and safety.



SP PRO 120V



Key Battery Benefits

- **Seamless Integration:** With SP PRO 120V series for a unified storage & inverter platform.
- **Lithium Iron Phosphate:** Chemistry offers exceptional safety and long life-cycle performance.
- **Ideal for On-Grid or Off-Grid:** Power independence for Emergency Services stations, decentralised utilities, community hubs and Off-Grid commercial sites.

Key Battery Features

- **Designed for:** Australian conditions and compliance standards.
- **All-in-one system:** Integrated BMS & accessories simplifies setup and servicing.
- **Improved HMI:** Intuitive, easy-to-use with enhanced diagnostics.
- **Scalable from 44.2kWh to 1.41MWh:** Suits a wide range of storage demands.
- **Compact & elegant form:** Reduces site footprint while maintaining performance.



Front view



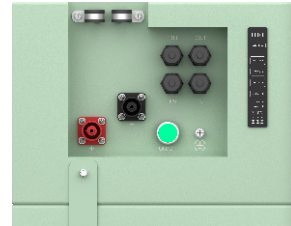
Right side view



Left side view

120V Stackable Battery Storage System

Compact design 44.2kWh battery system offering high flexibility through DC parallel capacity, easily reaching project sizes of up to 1.41MWh. Simple module design and user interface ensure installation can be completed with just a few clicks.



Left side panel view

Module Parameters		
Battery Type	LiFePO4 (Lithium Iron Phosphate)	
Energy (Usable)	11.05kWh	
Nominal Voltage	35.2V	
Weight	Each Battery Module: 90kg	BMS: 32kg
Carton Size L x H x D / Weight (kg)	Each Battery Module: 785mm x 415mm x 400mm / 94.1kg	BMS: 785mm x 340mm x 400mm / 36kg
Tower Parameters (4 Modules plus BMS)		
Nominal / Usable Battery Capacity	44.2kWh	
Nominal Voltage	140.8V	
Rated DC power (Single Tower only)	23.3kW	
Voltage Range	112.2V to 165V	
Max. Continuous Current Charging/ Discharging (Single Tower only)	166A	
Max. Continuous Current Charging/ Discharging (Multiple Towers)	166A x 0.85 x number of Towers	
Peak Current (5s)	300A	
Battery Short Circuit Current	2000A	
Efficiency (@0.5C)	96%	
Communication	CAN bus	
Cycle Life	> 6,000 (25°C)	
Certificates	UN38.3 / CE / IEC62619	
IP Rating	IP65	
Charging Temperature	0°C to 50°C	
Discharging Temperature	-20°C to 50°C	
Scale-able	Max 32 systems in parallel: 1.41MWh	
Tower Size L x H x D / Weight	750mm x 1379mm x 360mm / 392kg	
Country of Manufacture	Made in China	
Depth of Discharge Rated / Recommended	100% / 90%	
Warranty	10yrs @ 70% - conditions apply	