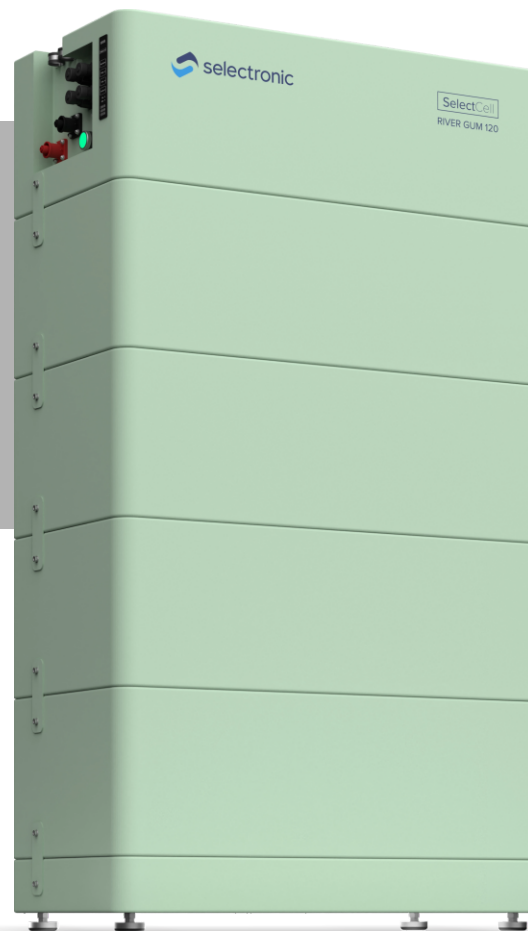


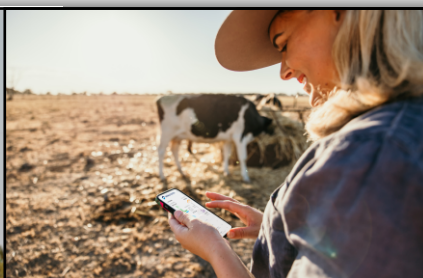
## Modular Battery Storage System

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

### SelectCell River Gum 120 - Battery Data

#### Module Parameters

|                 |                                  |
|-----------------|----------------------------------|
| Battery Type    | LiFePO4 (Lithium Iron Phosphate) |
| Energy          | 11.05kWh                         |
| Nominal Voltage | 35.2V                            |
| Module Weight   | 90kg                             |

#### System Parameters (4 Modules plus BMS)

|                                |                                      |
|--------------------------------|--------------------------------------|
| String Over Current Protection | Built in dual pole circuit breaker   |
| Energy                         | 44.2kWh (4 Modules)                  |
| Nominal Voltage                | 140.8V                               |
| Voltage Range                  | 112.2V - 165V                        |
| Dimension (W x H x D)          | 750mm x 1379mm x 360mm               |
| Maximum Continuous Current     | 166A                                 |
| Peak Current (5secs)           | 300A                                 |
| Efficiency (@0.5C)             | 96%                                  |
| Communication                  | CAN Bus                              |
| Cycle Life                     | >6,000 @25°C                         |
| Certificates                   | UN38.3 / CE / IEC62619               |
| Charging Temperature           | 0°C - 50°C                           |
| Discharging Temperature        | -20°C - 55°C                         |
| Scalability                    | Max 32 systems in Parallel ~ 1.41MWh |
| IP Rating                      | IP65                                 |
| Warranty                       | 10 years @70% – conditions apply     |