

SPL210

Battery Energy Storage System (BESS)

TECHNICAL SPECIFICATIONS



SANY SPL210 Battery Energy Storage System (BESS)

// Environmentally Friendly

- 210 kWhr CATL lithium iron phosphate batteries
- Zero emissions
- Zero noise pollution

// User Friendly

- Various outlets: 15 A / 20 A / 32 A / 63 A / 125 A
- Capable of simultaneous charging & discharging
- DC charge time within 2 hours (120 kW)
- 63 A AC charging within 4 hours
- 415 V / 240 V output
- Supporting one-to-many simultaneous discharging with maximum output power of 100 kW

// Cost Saving Yet Powerful

- Real-time intelligent monitoring of operational data can be achieved through the touch screen.
- Charging at off-peak times effectively reduces charging costs.
- Instant full capacity power
- Provides power to various load profiles suitable for industrial use

// Mobility

- Transportable by trailers / forklifts / cranes
- Can be installed on a trailer and towed by conventional road vehicles, or installed inside a container for transport.

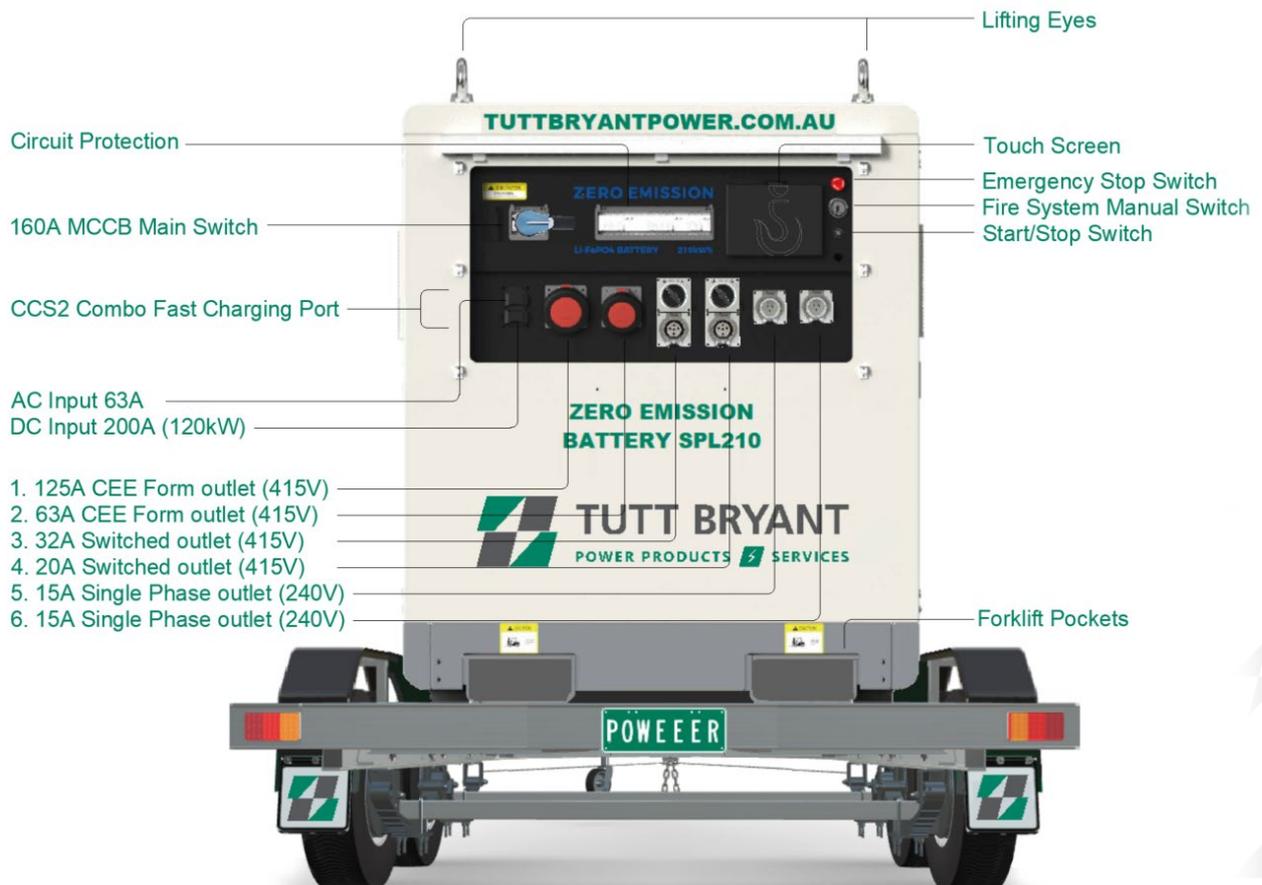
// Safe & Reliable

- IP54 protection
- Fire suppression system compliant to AS5062
- Overvoltage & undervoltage protection
- Low maintenance
- Compliant to Australian Standards

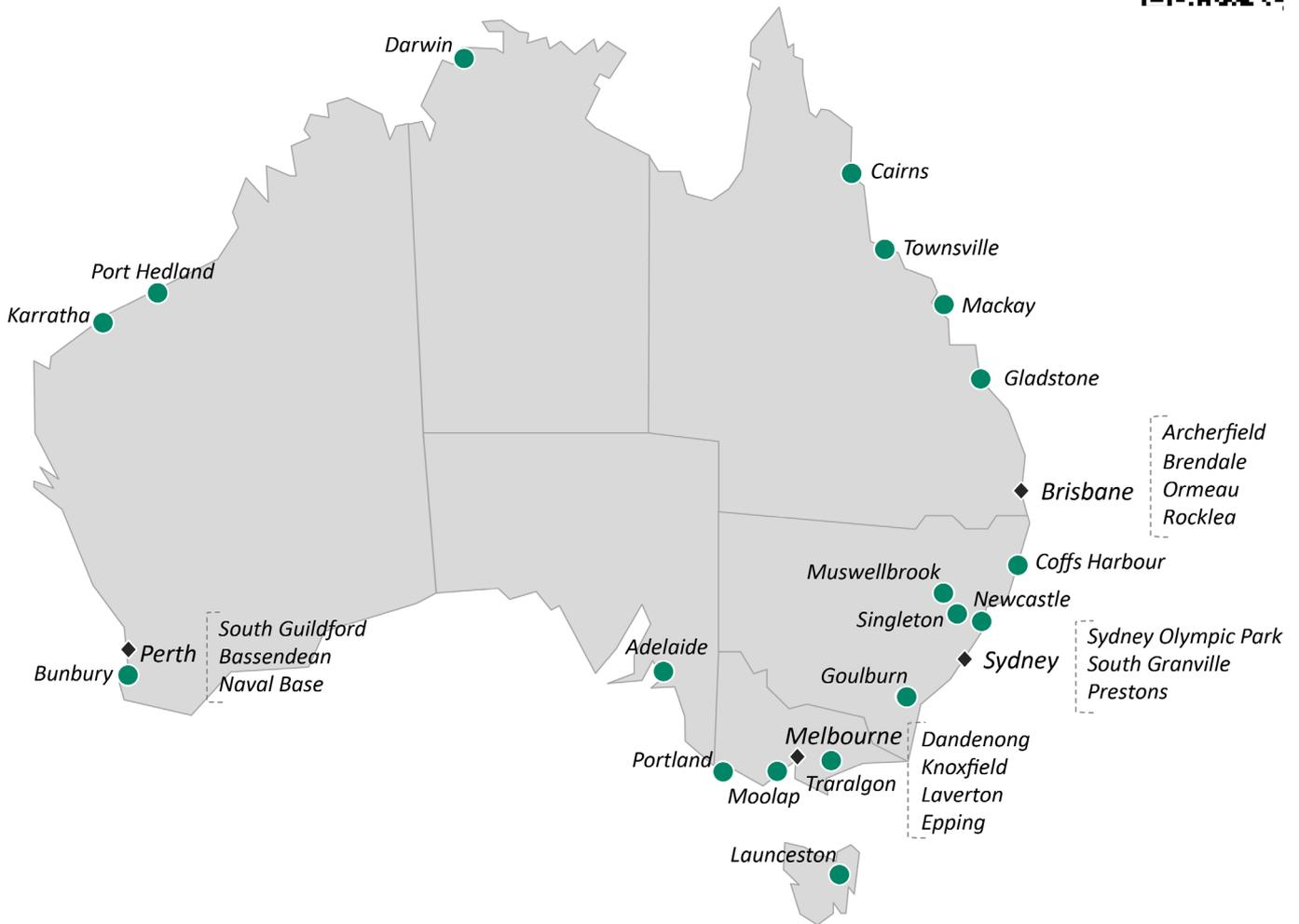
Specifications

CATEGORY	ITEM	VALUE
Battery	Chemistry	Lithium Iron Phosphate (LiFePO ₄)
	Capacity	210 kWh
	Battery cooling	Liquid cooling
Operation	One-to-many output	100 kW
	6 Outlets	2 x 15 A (240 V), 20 A (415 V), 32 A (415 V), 63 A (415 V), 125 A (415 V)
	AC input current	16 A (240 V), 20 A (415 V), 32 A (415 V), 63 A (415 V)
	Max. DC input	120 kW
Usage	Protection Level	IP54
	Working temperature	-20 ~ 45 °C
	Storage temperature	-20 ~ 60 °C
	Working environment humidity	5 ~ 90%
	Fire suppression system	Integrated manual and automatic
Basic Parameters	Operation mode	Touch screen
Weight	Weight	2750kg
Dimensions	Length x Width x Height	2572 x 1500 x 1829 mm

Inputs/Outputs and Controls



TUTT BRYANT POWER PRODUCTS & SERVICES LOCATIONS



NSW

SYDNEY

6-8 Ferngrove Place
South Granville 2142
02 9780 7200

QLD

BRISBANE

539 Boundary Road
Archerfield 4108
07 3373 6400

SA

ADELAIDE

908 Main North Road
Mawson Lakes 5095
08 8162 0900

WA

PERTH

50 Great Eastern Highway
South Guildford 6055
08 9478 0600

BUNBURY

6-10 Hawkins Street
East Bunbury 6230
08 9796 8700

VIC

DANDENONG

80-86 Frankston-Dandenong Road
Dandenong 3175
03 9554 0300

EPPING

1/189 O'Herns Road
Epping 3076
03 9554 0380

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