

GB Series

**Stand Alone Power System (SAPS)
for clean and sustainable energy**

HYBRID POWER STATION

TECHNICAL SPECIFICATIONS

GB Series

Stand Alone Power System (SAPS)



What is the Tutt Bryant SAPS?

A Hybrid Power Station with integrated rechargeable Battery Storage and Diesel Generator in one secure unit. Designed to store and seamlessly distribute instant power to multiple commercial and industrial electrical loads. The station delivers the power to work anywhere, providing access to environments where there are challenges with grid availability and stability. Available in the power output capacities of 10, 20, 30, 50, 60, 125 and 250 kVA. Maximize your renewable potential and experience the value of uninterrupted power!

What can it power?

It is best suited to power equipment in areas with no stable grid supply, such as remote areas and construction sites. Other common applications include microgrid, remote area communities, construction site base loads, plus telecommunication stations.

How does it work?

This station includes batteries, generator, EMS control system, Power Conversion System and battery cooling. It will perform a seamless changeover between the integrated power sources, supplying power in critical moments. It is an environmentally friendly system, with low emissions and low noise. Battery power can be selected as the power source during specified times of noise restrictions. Reducing grid dependency, improving power supply quality and ensuring power supply for emergency loads. Charging the batteries by the integrated generator effectively provides uninterrupted power whilst reducing diesel consumption costs. Real-time intelligent monitoring of operational data can be viewed on the integrated display. The compact design with integrated fork pockets and lifting eyes ensures convenient transportation.

Why choose the Hybrid Power Station?



Cost Saving

Reduces fuel costs



Eco-friendly

Minimal diesel needed



Quiet

Suitable for noise sensitive areas, with work indicator light



Fast

High power output



Zero Downtime

Constant uptime via ready to deliver stored energy



Plug-and-play system

Industry standard connection poi



Hybrid

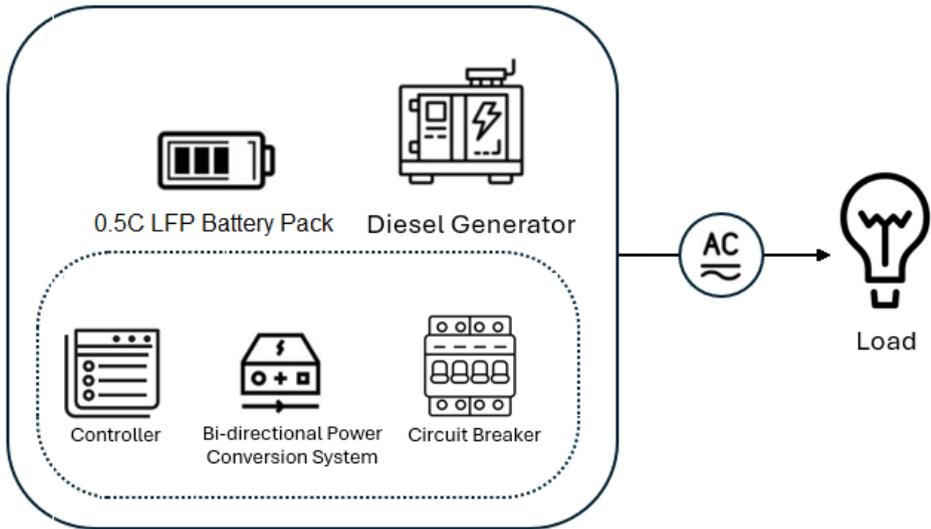
Seamless changeover between power sources for instant output

Specifications	
Model	GB-250P
Nominal Rated Output Power@25°C	250 kVA
Nominal Rated Output Voltage	380V~480Vac @50Hz
Nominal Energy Storage Capacity	430 kWh, LFP (LiFePO ₄) batteries
Diesel Generator	250kVA Prime Power. 500 L Bunded fuel tank.
Dimensions (L x W x H)	5200 x 2250 x 2250 mm
Weight	9500 kg
Operating Temperature Range	-20~50°C
Output Options	Copper Busbar Terminal, or various outlet sockets (max. 4)
Communication	CAN / RS485 / Ethernet / 5G wireless
Ingress Protection	IP55
Cooling System	LCAC
Expected Lifetime	> 10 years



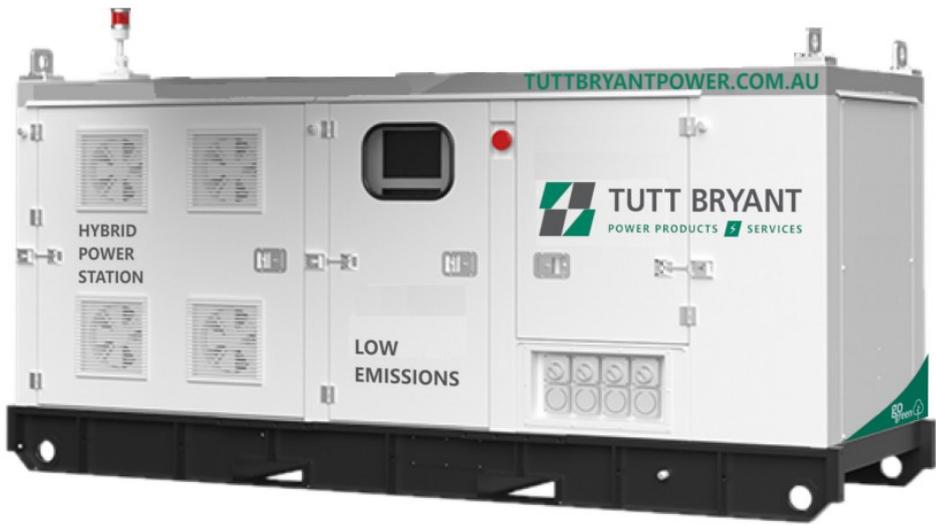
Specifications

Model	GB-125P
Nominal Rated Output Power@25°C	125 kVA
Nominal Rated Output Voltage	380V~480Vac @50Hz
Nominal Energy Storage Capacity	215 kWh, LFP (LiFePO ₄) batteries
Diesel Generator	125kVA Prime Power. 500 L Bunded fuel tank.
Dimensions (L x W x H)	4800 x 1950 x 2000 mm
Weight	6500 kg
Operating Temperature Range	-20~50°C
Output Options	Copper Busbar Terminal, or various outlet sockets (max. 4)
Communication	CAN / RS485 / Ethernet / 5G wireless
Ingress Protection	IP55
Cooling System	LCAC
Expected Lifetime	> 10 years



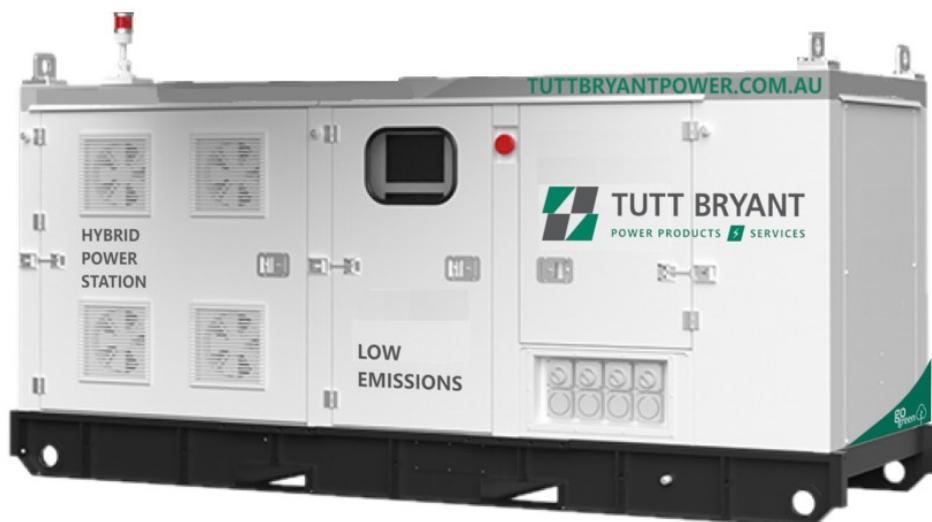
Specifications

Model	GB-60P
Nominal Rated Output Power@25°C	60 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	112.5 kWh, LFP (LiFePO ₄) batteries
Diesel Generator	60kVA Prime Power. 350 L Bunded fuel tank.
Dimensions (L x W x H)	3980 x 1680 x 1660 mm
Weight	3800 kg
Operating Temperature Range	-20~50°C
Output Options	Copper Busbar Terminal, or various outlet sockets (max. 4)
Communication	CAN / RS485 / Ethernet / 5G wireless
Ingress Protection	IP55
Cooling System	HVAC
Expected Lifetime	> 10 years

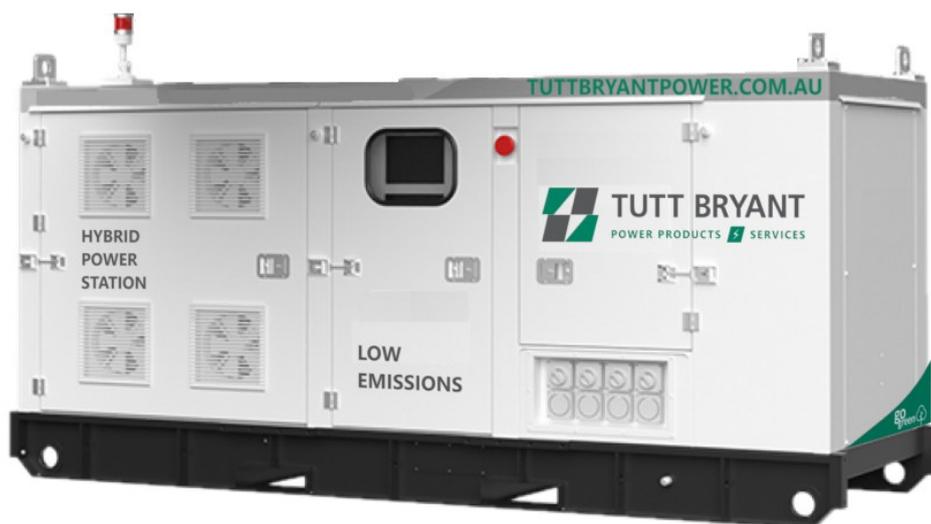


Specifications

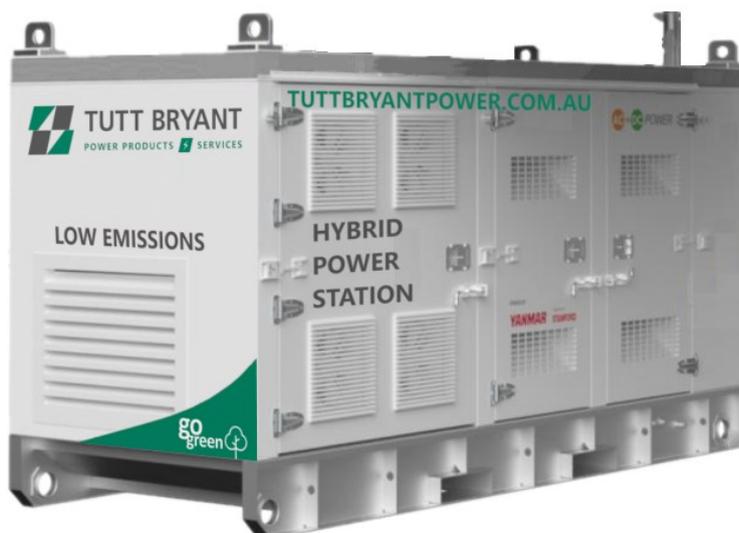
Model	GB-50
Nominal Rated Output Power@25°C	50 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	112.5 kWh, LFP (LiFePO ₄) batteries
Diesel Generator	50kVA Prime Power. 350 L Bunded fuel tank.
Dimensions (L x W x H)	3980 x 1680 x 1660 mm
Weight	3750 kg
Operating Temperature Range	-20~50°C
Output Options	Copper Busbar Terminal, or various outlet sockets (max. 4)
Communication	CAN / RS485 / Ethernet / 5G wireless
Ingress Protection	IP55
Cooling System	HVAC
Expected Lifetime	> 10 years



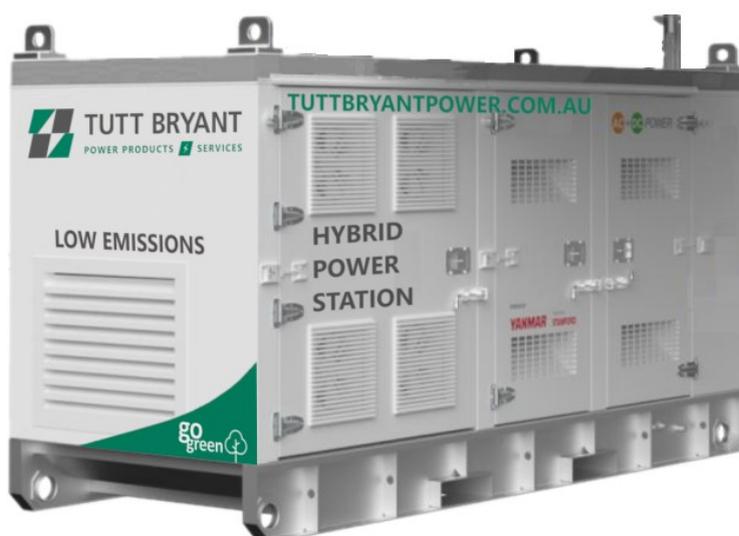
Specifications	
Model	GB-30
Nominal Rated Output Power@25°C	30 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	61.4 kWh, LFP (LiFePO ₄) batteries
Diesel Generator	30kVA Prime Power. 100 L Bunded fuel tank.
Dimensions (L x W x H)	3330 x 1150 x 1633 mm
Weight	2500 kg
Operating Temperature Range	-20~50°C
Output Options	Copper Busbar Terminal, or various outlet sockets (max. 4)
Communication	CAN / RS485 / Ethernet / 5G wireless
Ingress Protection	IP55
Cooling System	Forced Air Cooling
Expected Lifetime	> 10 years



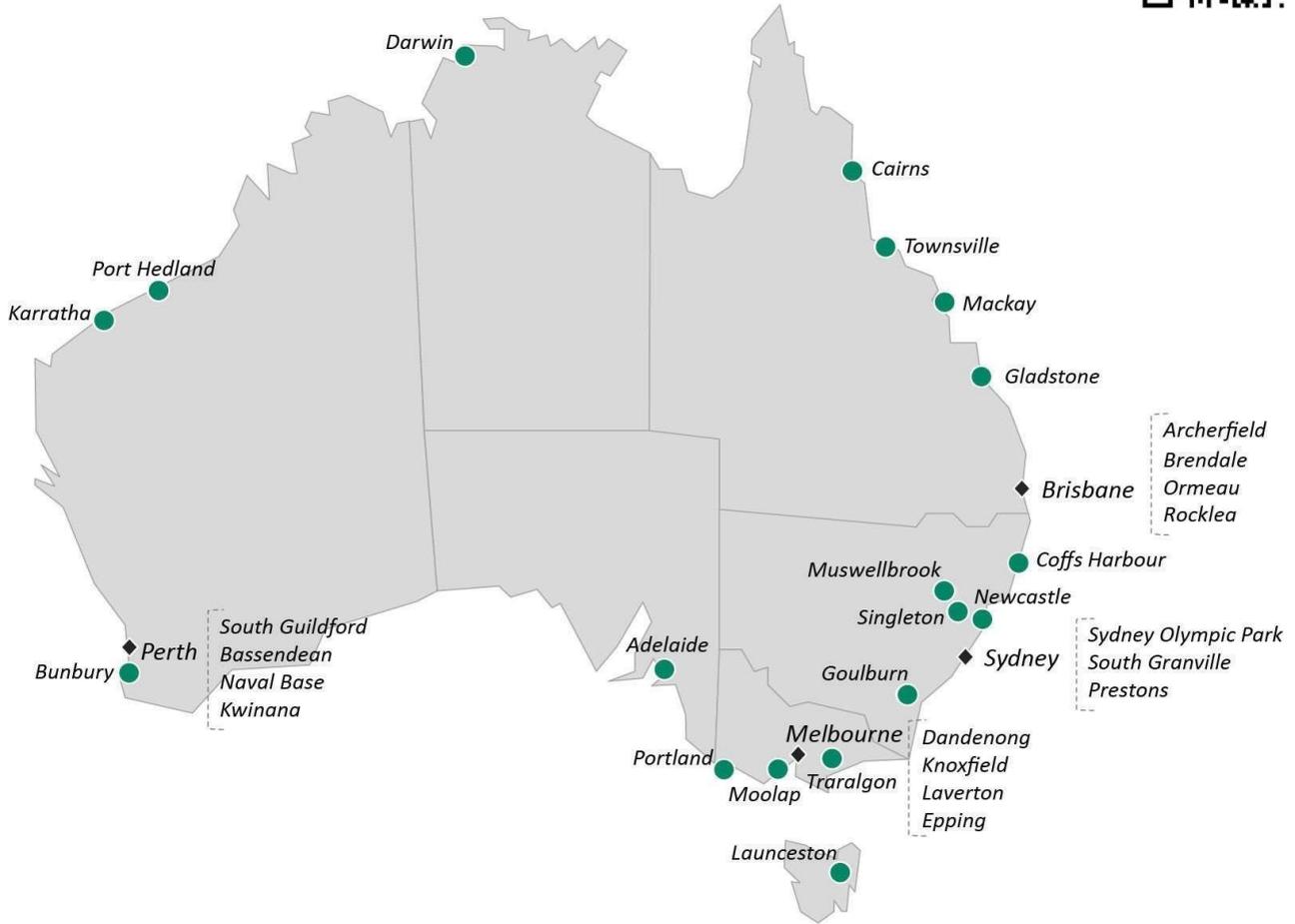
Specifications	
Model	GB-20
Nominal Rated Output Power@25°C	20 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	41 kWh, LFP (LiFePO ₄) batteries
Diesel Generator	20kVA Prime Power. 100 L Bunded fuel tank.
Dimensions (L x W x H)	2970 x 1150 x 1633 mm
Weight	2300 kg
Operating Temperature Range	-20~50°C
Output Options	Copper Busbar Terminal, or various outlet sockets (max. 4)
Communication	CAN / RS485 / Ethernet / 5G wireless
Ingress Protection	IP55
Cooling System	Forced Air Cooling
Expected Lifetime	> 10 years



Specifications	
Model	GB-10
Nominal Rated Output Power@25°C	10 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	41 kWh, LFP (LiFePO ₄) batteries
Diesel Generator	10kVA Prime Power. 100 L Bunded fuel tank.
Dimensions (L x W x H)	2970 x 1150 x 1633 mm
Weight	2100 kg
Operating Temperature Range	-20~50°C
Output Options	Copper Busbar Terminal, or various outlet sockets (max. 4)
Communication	CAN / RS485 / Ethernet / 5G wireless
Ingress Protection	IP55
Cooling System	Forced Air Cooling
Expected Lifetime	> 10 years



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

1300 658 888

tuttbryantpower.com.au | powergen@tuttbryant.com.au

