TUTT BRYANT
POWER PRODUCTS SERVICES

GSB Series

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

HYBRID POWER STATION

TECHNICAL SPECIFICATIONS

GSB Series

Stand Alone Power System (SAPS)

What is the Tutt Bryant SAPS?

A Hybrid Power Station with integrated rechargeable Battery Storage, Diesel Generator, Solar Panels and Smart Hybrid Inverter 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 4 power output capacities: 10, 20, 30 and 50 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, PV technology, EMS control 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. Reducing grid dependency, improving power supply quality and ensuring power supply for emergency loads. Charging the batteries by solar effectively reduces 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

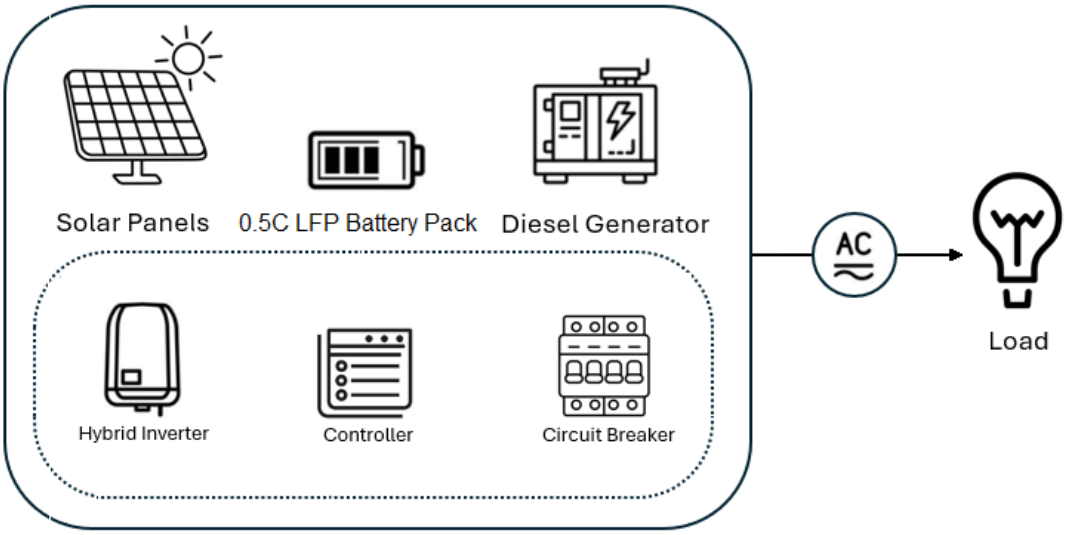
Industry standard connection points

Hybrid

Seamless changeover between power sources for instant output

Tutt Bryant Power GSB-10

Specifications	
Model	GSB-10
Nominal Rated Output Power@25℃	10 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	40 kWh, LFP ($LiFePO_4$) batteries
Battery System Voltage	51.2 VDC
Maximum Solar Power	2300 W (5 panels)
Diesel Generator	20kVA Prime Power. Yanmar, Kubota or Perkins engine. 100 L Bunded fuel tank.
Dimensions (L x W x H)	Deployed: 2950 x 5500 x 3350 mm Retracted: 2950 x 1150 x 2550 mm
Weight	3000 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	Fans
Expected Lifetime	> 10 years



Tutt Bryant Power GSB-20

Specifications	
Model	GSB-20
Nominal Rated Output Power@25℃	20 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	40 kWh, LFP ($LiFePO_4$) batteries
Battery System Voltage	51.2 VDC
Maximum Solar Power	2300 W (5 panels)
Diesel Generator	20kVA Prime Power. Yanmar, Kubota or Perkins engine. 100 L Bunded fuel tank.
Dimensions (L x W x H)	Deployed: 2950 x 5500 x 3350 mm Retracted: 2950 x 1150 x 2250 mm
Weight	3100 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	Fans
Expected Lifetime	> 10 years

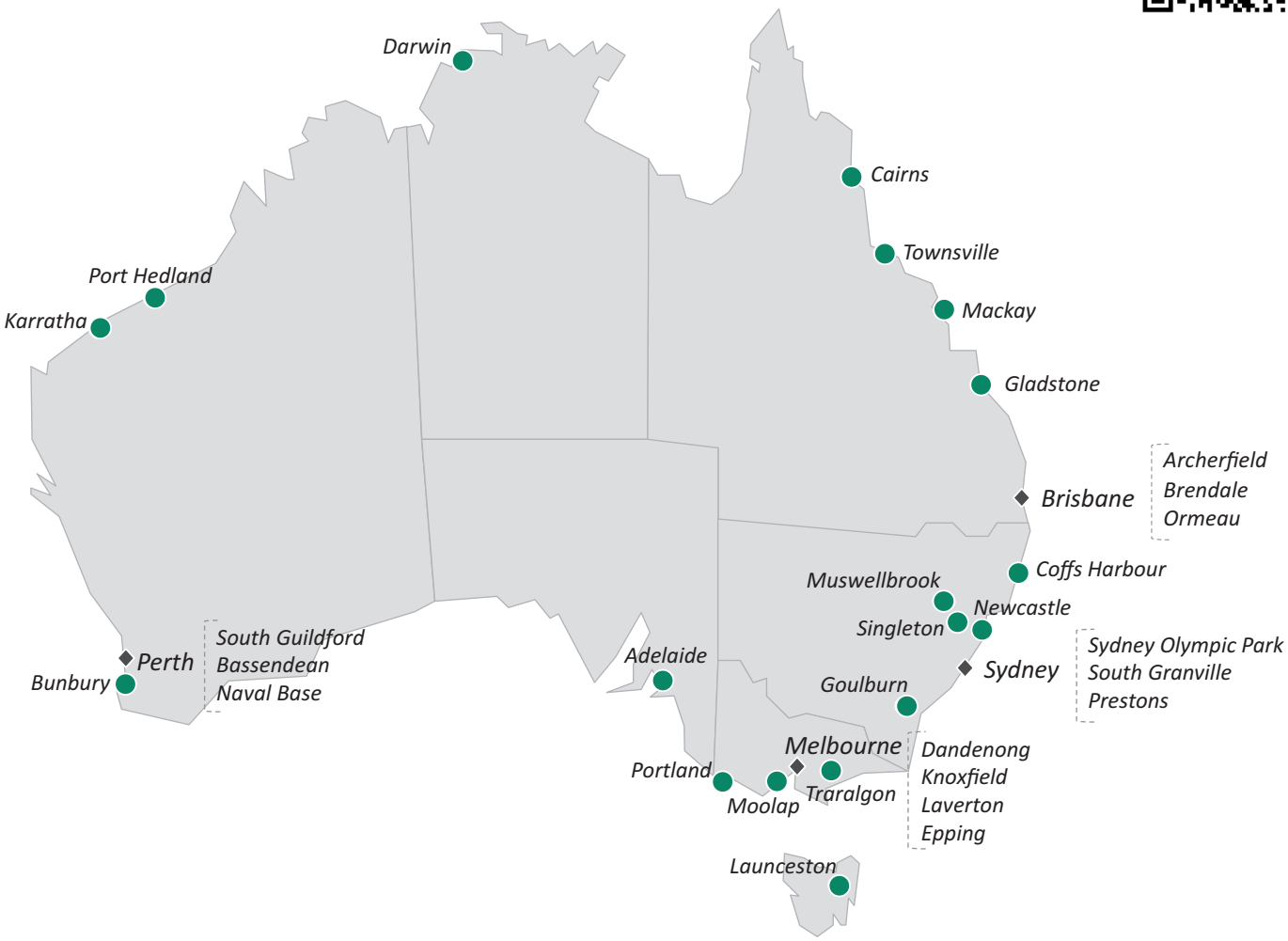
Tutt Bryant Power GSB-30

Specifications	
Model	GSB-30
Nominal Rated Output Power@25℃	30 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	80 kWh, LFP ($LiFePO_4$) batteries
Battery System Voltage	358 VDC
Maximum Solar Power	2300 W (5 panels)
Diesel Generator	30kVA Prime Power. Yanmar, Kubota or Perkins engine. 100 L Bunded fuel tank.
Dimensions (L x W x H)	Deployed: 3250 x 5500 x 3350 mm Retracted: 3250 x 1150 x 2550 mm
Weight	3400 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	Fans
Expected Lifetime	> 10 years

Tutt Bryant Power GSB-50

Specifications	
Model	GSB-50
Nominal Rated Output Power@25℃	50 kVA
Nominal Rated Output Voltage	380V~415Vac @50Hz
Nominal Energy Storage Capacity	112 kWh, LFP ($LiFePO_4$) batteries
Battery System Voltage	358 VDC
Maximum Solar Power	2300 W (5 panels)
Diesel Generator	50kVA Prime Power. Cummins engine. 200 L Bunded fuel tank.
Dimensions (L x W x H)	Deployed: 3900 x 5500 x 3650 mm Retracted: 3900 x 1150 x 2550 mm
Weight	4200 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

TUTT BRYANT POWER PRODUCTS & SERVICES
LOCATIONS



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Archerfield 4108
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ADELAIDE
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Mawson Lakes 5095
08 8162 0900

WA
PERTH
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South Guildford 6055
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East Bunbury 6230
08 9796 8700

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