YOUR MOST
DEPENDABLE
BACKUP POWERHOUSE

ALWAYS GO GREAT
TWIN POWER GENSETS



genstore
power solutions

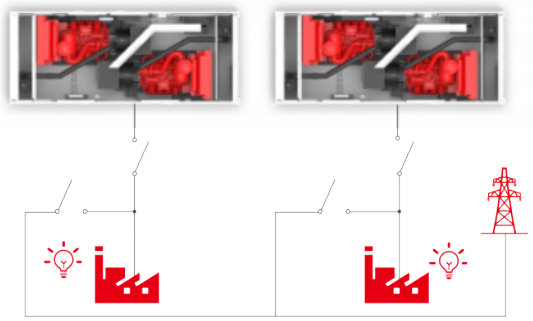
DOUBLE THE FLEXIBILITY TWICE THE POWER

We understand your need for power, but do your power needs ever change? AGG Twinpower is a 20 - feet containerized generator with 2 generators inside , making it perfect for applicatios that have variable power needs, whether that's due to the time of day or the current usage requirements.

Fully loaded, AGG Twinpower offers two engines in a single container, solving load issues and reducing fuel consumption up to 40%on variable load applications.

Because you get two generators in one platform, you have the flexibility you need to run at 100% power load or even low power loads in the most efficient way. What's more,every feature you need comes as standard on AGG Twinpower.





APPLICATION SCENARIOS

UTILITIES | INDUSTRY | OIL&GAS | EVENTS

RENTAL | CONSTRUCTION | IPP | MINING

Advantages

TWO OPERATION MODES PARALLEL AND BACK-TO-BACK

2GENERATORS INSTEAD OF 1, DOUBLE THE BACKUP

SAVINGS

- Fuel Savings and Less CO2 Emissions on Variable Load Applications
- Extended Generator Life Cycle,Due to Back-to-Back Operation Mode
- Extended Service Times,Due to Back-to-Back Operation Mode
- Up to 70% Less Engine Oil Requirement
- At Variable Loads Reduce Oil Consumption Due to Light Load Operation

GENERAL

- 1100-1600KVA ESP power Range
- 2Generators Instead Of 1,Double the Backup
- Up to 40% Savings on Total Cost of Ownership*
- Reduced Total Operational Cost***
- Power Source Continuity During Mandatory Maintenance
- 24/7Energy Source Availability in Back-to-Back Mode
- Redundant Energy Source in Back-to-Back Operation Made

MODULE

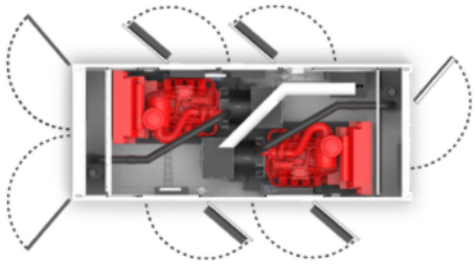
- Two Operation Modes:Parallel and Back-to-back
- Centralized Control and Monitoring
- Ability to Add More Generators to Work in Parallel

UP TO 40% SAVINGS ON TOTAL COST OF OWNERSHIP*

LOW TOTAL COST OF OWNERSHIP	>70% STEP LOAD ACCEPTANCE	1 BOX 2 GENERATORS	2 CLICKS EASY SELECT FUEL OPTIMIZER,REDUNDANCY,SPLIT	CENTRALIZED CONTROL &MONITORING
RUN 50% 24	EASY TRANSPORTABILITY 20´	100% PRP AT 50°C	VARIABLE SPEED DRIVE VSD	UP TO 40% LESS FUEL AND CO_2 EMISSIONS

TWINPOWER

AGG TwinPower is a 20 ft. ISO containerised unit housing two compact generators; This configuration, with its fast-paralleling system, allows the two generators to work independently or in parallel with each other , providing multiple solutions and combinations between prime and standby use.



KEY BENEFITS

- Performance
- Low cost of ownership
- Efficient maintenance
- Versatility
- Transport efficiency

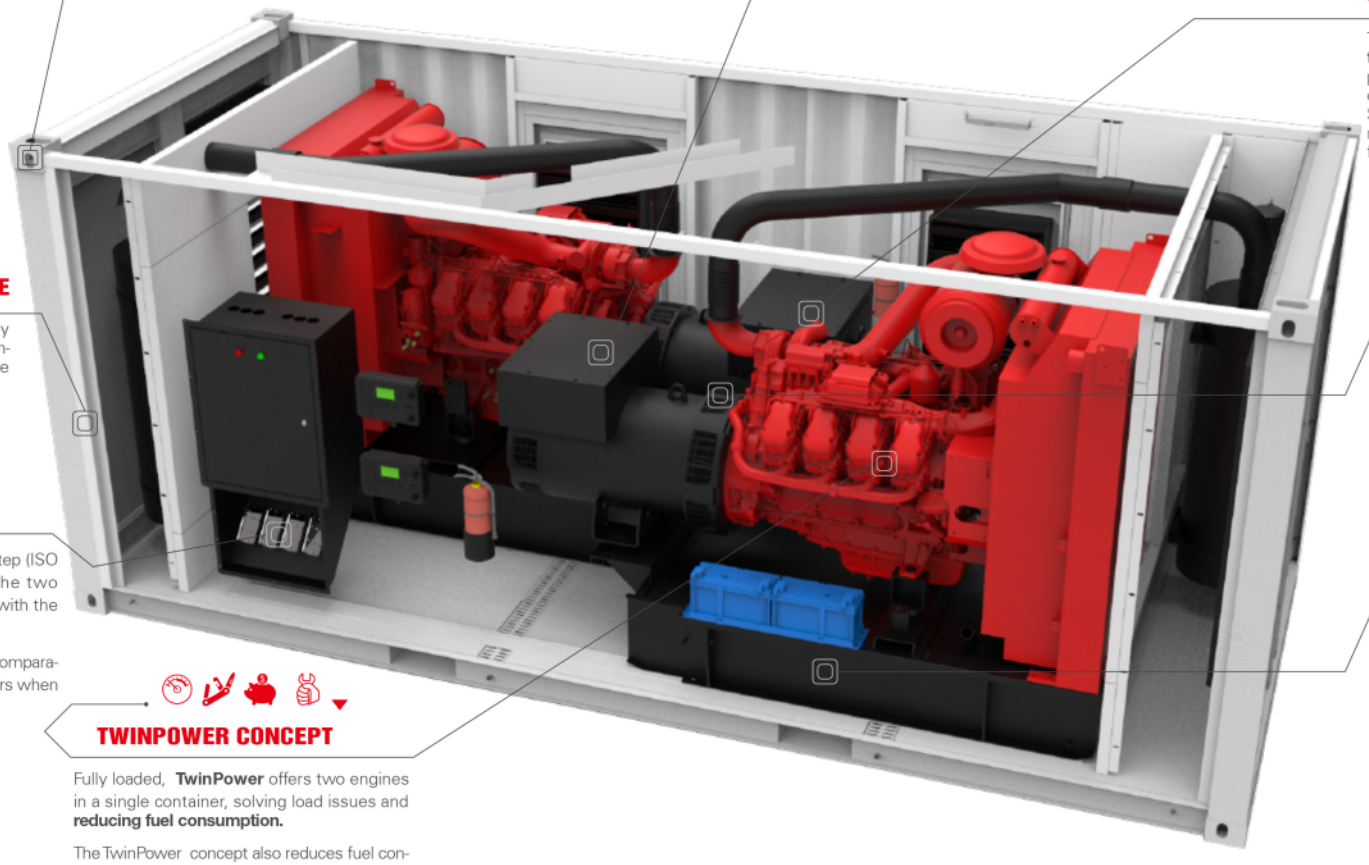
CONTAINER ISO 20ft

Our TwinPower is designed and developed for global markets. Focussed on portable and intensive use.

Robust lifting eyes and forklift inlets enable quick handling at the workplace.

TWINPOWER™ CONCEPT

Fully loaded, the TwinPower offers two engines in a single container, solving load issues and **reducing fuel consumption.**
The TwinPower™ concept also reduces fuel consumption with variable loads



STANDARD PARALLEL PACKAGE

To tackle even bigger jobs, **the TwinPower** with the **two synchronize** controllers, can run alone or in parallel with other generators. You have the choice of island mode or **PMS** (Power Management System). You can run the generator in parallel with mains, peak shaving, mains power export/import, fixed power and **AMF** (Automatic Mains Failure).

100% SPILLAGE FREE FRAME

The spillage free frame reduces any potential environmental impact.It can contain **110% of the fluid** capacity of the generator.

RELIABLE COMPONENTS

Produced using **top quality components**, tested in severe operating conditions, which ensures **durability** and **the residual value of your asset.**
Air, oil and fuel filters for heavy work associated with a nearly self-cleaning fuel tank complement

LOAD ACCEPTANCE

TwinPower is able to accept a 100% load step (ISO 8528-G2 at 70% load step), thanks to the two engine/alternator performance, associated with the advanced control system(QC16).

You can also be assured **TwinPower** offers comparable performance to all single engine generators when running under normal load.

EXCELLENT PERFORMANCE

Designed to guarantee excellent cooling of the engine/alternator, guaranteeing maximum power with no de-rating up to 43°C at an altitude of 1000 m.
This makes the generator ideal for use in **extreme temperatures and at high altitudes,** with reduced risk of still stands due to high temperatures.

TWINPOWER CONCEPT

Fully loaded, **TwinPower** offers two engines in a single container, solving load issues and **reducing fuel consumption.**

The TwinPower concept also reduces fuel consumption with variable loads

The TwinPower is designed for easy service. Large access doors and custom service tools make for effortless maintenance and assured uptime.

The positioning of the motor and alternator sets on opposite sides enable multiple access points to all the main components.

TECHNICAL SPECATIONS

Twinpower		S1600		S1500		S1400		S1100	
Rated frequency	Hz	50	60	50	60	50	60	50	60
Altitude capability	m	5000 (derating>1000)		5000 (derating>1000)		5000 (derating>1000)		5000 (derating>1000)	
Rated power factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Rated standby power(LTP)	kVA/kW	1540/1232	1600/1236	1430/1144	1540/1232	1320/1056	1430/1144	1100/880	1120/800
Rated Prime power(PRP)	kVA/kW	1400/1120	1456/1122	1287/1030	1232/1108	1188/1056	1287/1030	1000/800	1020/820
Rated continuous power(COP)	kVA/kW	1050/840	1092/874	965/772	924/739	891/712	965/772	750/600	765/612
Rated voltage	V	400	220-380-440	400	220-380-440	400	220-380-440	400	220-380-440
Noise level at 7 m*	dB(A)	78	80	78	80	78	80	76	78
Fuel consumption@75%PRP**	L/hr.	188	196	188	196	188	196	183	187
Fuel tank capacity	L	1600		1600		1600		1600	
Scania engine									
Model		DC16 072A		DC16 072A		DC16 072A		D13 072A	
Speed	rpm	1500	1800	1500	1800	1500	1800	1500	1800
Speed governor		electronic		electronic		electronic		electronic	
Controler									
Model		Synchronize Controler							
Alternator									
Model		Brushless Alternator							
Protection	Class/IP	H/23		H/23		H/23		H/23	
Dimensions and weight									
Dry weight	kg	11410		11410		11410		10410	
Wet weight	kg	12964		12964		12964		11964	
Dimension(L*W*H)	m	6.06x2.5x2.6		6.06x2.5x2.6		6.06x2.5x2.6		6.06x2.5x2.6	

*Measured with a tolerance of +/-3dB(A) in accordance with ISO9614-2 and 2000/14/EC OND

**Consumption may vary in accordance with the load percentage and/or fuel specifications



ADDITIONAL STANDARD FEATURES

- Battery charger
- Electric coolant heater
- External fuel tank connections
- Internal light

The photos and illustrations found in this document may represent products with optional and/or additional components, which are not included in the standard product version; therefore, they are not included with the purchase of this product unless the customer specifically purchases these optional components/extras. We reserve the right to change the specifications and designs of the products described in this document without prior notice. Not all the products are available in all markets.

EASY AND FLEXIBLE INSTALLATION IN PRIME OR STANDBY APPLICATIONS