

500

kVA
RATED OUTPUT

The largest Power platform: 474 kWh of hybrid storage for sites where the peaks would otherwise demand a second genset.

— RATED ENERGY

474.2 kWh

— RATED CURRENT

722 A

— OVERLOAD CAPACITY

500 kVA

— VOLTAGE

400 V ±10%

DG HYBRID · SEMS3000



Power series cabinet · modular battery packs

APPLICATIONS

Construction sites · Mining · Manufacturing · Emergency power · Outdoor events · Concrete batch plants

TECHNICAL SPECIFICATION

BATTERY

Energy	474.2 kWh
DC voltage range	400 V ±10%

POWER OUTPUT

Rated current	722 A
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CHARGING AND SOURCES

Parallel capability	Up to 8 units
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PHYSICAL AND ENVIRONMENT

Operating temperature	-20 to +50 °C
Dimensions (L x W x H)	2900 x 2300 x 2400 mm
Weight	≤8.5 t

WORKING MODES

ONE BATTERY. FOUR MODES.

In hybrid mode the generator holds its most efficient 50-80% load band while the battery rides the peaks. Island mode runs the site on battery alone, grid mode charges from the mains, and the EMS switches between them around the clock.

DG LOAD BAND

50 - 80%

SYSTEM EFFICIENCY

90%

PARALLEL

Up to 8 units

OWNERSHIP COST

Up to -50%

WHERE THIS SITS IN THE RANGE

MODEL	OUTPUT	ENERGY	PEAK	L X W X H	WEIGHT	PARALLEL
Power 250	250 kVA	153.6 kWh	250 kVA for 210 s	2250 x 1550 x 2200 mm	≈5,000 kg	Up to 8 units
Power 300	300 kVA	316.4 kWh		2520 x 2100 x 2400 mm	≈7.5 t	Up to 8 units
Power 500	500 kVA	474.2 kWh		2900 x 2300 x 2400 mm	≤8.5 t	Up to 8 units