PAK 100-100

Integrate more than one energy source to generate power.

Optimise the efficiency of power generation and consumption while reducing noise and emissions.

When used with diesel generators, fuel and cost savings are realised by minimising the engine run-time and maximising use of stored energy.

FROM $142,000

The BATTERY POWER SYSTEM is a complete solution that includes:

- Energy Management System (EMS)
- Power Conversion Equipment (PCE)
- Interface for communicating with other devices
- Battery Energy Storage System (BESS)
- Battery Management System (BMS)
- Electrical protection devices

All in an Australian outdoors suited cabinet.

SCALABLE | MODULAR
Increase Capacity Through Connecting Additional Units

100 kWh	100 kW	415 V	Safe LFP	7000 Cycles	>15 Years
Battery Capacity	Output Power	Output Voltage	LiFePO4 Lithium Iron Phosphate	Battery Cycle Life to 80% SOH	Battery Life with Daily Use

SPECIFICATIONS

PARAMETER	PAK 100-100
Rated output power (kVA)	100kVA - 100kW
Total capacity (kWh)	102
Overload capacity (kW)	125 (60 second load)
Max output power (kVA)	250 (10 second load)
Output voltage (V)	415 (3 Phase)
Rated frequency (Hz)	50
Nominal AC Current (A)	139
Max AC Current (A)	347 (10 second load)
Battery type (Chemistry)	"LFP – LiFePO4
Cycle life	">15 Years life to 80% SOH with daily use"
"Energy Management System (EMS) Generator starts/stops"	Automatic
"Energy Management System (EMS) Breaker closing/opening"	Automatic
"Energy Management System (EMS)	Automatic
Working temperature	-20 to 55oC
Communication	RS485, CAN, LAN
Communication protocol	Modbus-RTU, PLC, CAN, SCADA
Transport Class	Class 9A UN3481
Protection	Outdoor IP65
Dimensions L X W x H (mm)	2300 x 1150 x 2200
Weight (kg)	2200
Expandable	16x

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