

## PUREDRIVE ENERGY - AC 5 kWh

Puredrive Energy's battery storage system is a fully integrated AC battery system for residential use. It's a British product and uses the safest and highest performing lithium-ion-phosphate battery cells.

It provides energy storage for your home and includes a time-based control system.

Its elegant design and simple connection to the home enables the home owner to monitor remotely, and realise the benefits of reduced bill costs and clean green power.



Access Real Time and Historic Data	PureDrive Portal
Indoor/Outdoor	Both
Dimensions (w x h x d) mm	600 x 1460 x 165
Weight	75 kg
Software Updates	Free
Ongoing Technical Support	Yes

### BATTERY

Capacity	5 kWh
Battery Technology	LiFePo4 50V 100Ah
Battery Cycles	10,000
Battery Management System	High/Low Voltage, Max Discharge, Cell Balancing
Max Charge Voltage	57V
Discharge Cut Off Voltage	45V
Max Charge Current	100A
Continuous Discharge Current	100A
Max Discharge Current	200A (3sec)
Operating Temperatures	Discharge: -20 to 60 C Charge: -20 to 45 C

### INVERTER

Rated Output Power	3000VA
Maximum Output Power (3 sec)	6000VA
Maximum Charge	35A
AC Voltage/Frequency (i/p & o/p)	187- 266Vac / 50Hz, 45 to 60Hz
Energy Consumption Priorities	PV/Battery/Grid
Max Efficiency	95% inverter
Operating mode	Smart grid/back up /UPS/On grid
Conditions of use	Humidity 0 – 90% Temperature -20 to+60C Degressive power>40 C (15W/C)
Compliance	CE,G98,G99,UN38.3,ROHS, MSDS EN-IEC 60335, EN-IEC 62109 EN 55014, EN-IEC 61000
Warranty	10 years