

Home Battery Storage



Clean Power

Puredrive's intelligent software makes sure you are not throwing energy away. You can now use your stored solar even when the sun isn't shining.

Protect

A British made battery system with inbuilt intelligence enclosed in a box. Keeps you safe and powered even in a power cut.

Reduce

Puredrive's home battery system simply connects and saves you up to 70% on your electricity bills.



Puredrive Energy are the battery brains of Britain. They have a great product and we're glad to be partners with such a fantastic company. I am looking forward to a greener future together.

[Bradley Raphael – Manager Edmundson Greentech](#)

'We are the first housing association in the South West to be working with an energy company to save our tenants money. We hope to roll the energy storage system out to a large number of our properties in the future.'

[Michael Craggs – Development & Asset Management Innovation Lead Bromford](#)

'It's very satisfying to see the return on investment immediately through reduced monthly electric bills, around 50% saved'

[Lisa, PureStorage Battery System user](#)



PureEnergy Community

Join

The PureEnergy
Community

Share

Energy with
everyone in the
Community

Independence

Start your journey to
grid independence

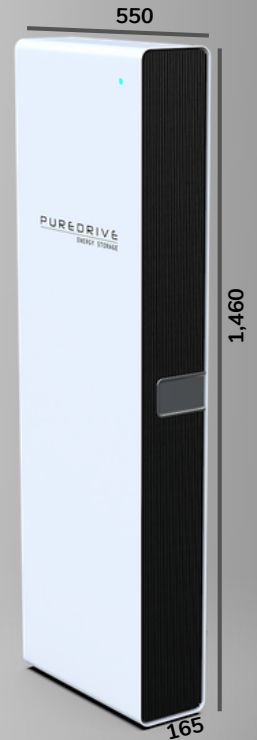


PUREDRIVE ENERGY - AC 5 kWh

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	550 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

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sales@puredrive-energy.co.uk

PUREDRIVE ENERGY - AC 10 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	860 x 1460 x 165
Weight	129 kg
Software Updates	Free
Ongoing Technical Support	Yes

BATTERY

Capacity	10 kWh
Battery Technology	LiFePo4 50V 200Ah
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	200A
Continuous Discharge Current	200A
Max Discharge Current	350A (3sec)
Operating Temperatures	Discharge: -20 to 60 C Charge: -20 to 45 C

INVERTER

Rated Output Power	3000/5000VA
Maximum Output Power (3 sec)	6000VA
Maximum Charge	35/75A
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

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