



Smart Commercial Energy Storage

PUREDRIVE
ENERGY STORAGE



Smarter Energy Consumption

Load Shifting

Utilise the Puredrive CM System to shift energy consumption and avoid higher energy tariffs.

Peak Shaving

Reduce or even completely avoid demand charges by discharging stored power at peak times.

Demand Response

Connect to the Puredrive Virtual Power Plant and gain a share of demand side payments.

Emergency Backup

The Puredrive CM System provides protection against grid outages, keeping you operational.

“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



Control

Automate and monitor your energy efficiency with the Puredrive management system



Save

Up to 70% energy cost reductions



Sell

Connect to the PureEnergy Community (our Virtual Power Plant) and generate revenues from grid services



Reduce

Reliance on the grid and your global environmental impact with our efficient management system



Protect

Against grid failure and rising energy costs



Trust

British intelligence and innovation with a ten-year minimum guarantee.

PureStorage CM			
Storage			
Installed Capacity	10 kWh	20 kWh	30 kWh
Usable Capacity	9 kWh	17 kWh	26 kWh
UPS Capability	1 - 10 kWh	2 - 19 kWh	3 - 29 kWh
Cycles	6000 cycles		
Batt Temperature Sensor	Yes		
Chemistry	LiFePo4		
Inverter			
Input Voltage (VDC)	38 - 66 V		
Output	230Vc (50 Hz)		
Power (VA) Output Cont @ 25C	3,000-5,000	3,000 - 8,000	5,000 - 10,000
Peak Power (W)	6,000 - 10,000	6,000 - 16,000	10,000 - 20,000
Max Efficiency	95%		
Zero Load Power - max (W)	10	15	20
Charger			
AC Input	187 - 265 VAC, 45 - 65 Hz		
MAX Charge Voltage	57v		
Discharge Cut off Voltage	45v		
Charge Current (A)	35 - 70	70 - 110	70 - 140
Interface Panel			
Access real time data	Yes		
Online Monitoring Portal	Yes		
Free Updates & Remote Optimisation	Yes		
General			
Dimensions, cm (W x H x Depth)	1220 x 740 x 270	2000 x 740 x 270	2800 x 740 x 270
Weight	130 kg	240 kg	350 kg
Operating Temperatures	-10 to 45C		
2nd AC output for UPS	Yes		
Warranty	10 years		
Certificates			
	CE		
	EN 60335-1, EN 60335-2, IEC 62109-2		
	EN 55014-1, EN 61000-3-2/3, EN 61000-6-1/2/4		
	BAT: CE - RoHS - UN38,4		



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