

Puredrive Energy - Pure Storage CM					
Storage					
Installed Capacity	10 kW	20 Kw	30 Kw	40 kW	50 kW
Usable Capacity	9 kW	17 kW	26 kW	34 kW	43 kW
UPS Capability	1 - 10 kW	2 - 19 kW	3 - 29 kW	4 - 38 kW	5 - 48 kW
Cycles	6000				
Batt Temperature Sensor	Yes				
Chemistry	LiFePo4				
Inverter					
Input Voltage (V DC)	38 - 66 V				
Output	230Vc (50Hz)				
Power (VA) Output Cont @ 25C	3,000 - 5,000	3,000 - 8,000	5,000 - 10,000	8,000 - 15,000	10,000 - 15,000
Peak Power (W)	6,000 - 10,000	6,000 - 16,000	10,000 - 20,000	16,000 - 25,000	20,000 - 25,000
Max Efficiency	95%				
Zero Load Power - max (W)	10	15	20	20	30
Charger					
AC Input	187 - 265 VAC, 45 - 65 Hz				
Charge Voltage - Absorption (VOC)	57.6				
Charge Voltage - Float (VOC)	55.2				
Storage Mode (VDC)	52.8				
Charge Current (A)	70	70 - 110	70 - 140	110 - 200	140 - 200
Interface Panel					
Access real time data	Yes				
LCD Display Screen	Yes				
Online Monitoring Portal	Yes				
Free Updates & Remote Optimisation	Yes				
General					
Dimensions, cm (w x h x depth)	110 x 740 x 310	170 x 740 x 310	230 x 740 x 310	300 x 740 x 310	360 x 740 x 310
Weight	130kg	240kg	350kg	480kg	610kg
Operating Temperatures	- 10 to 55C				
2nd AC output for UPS	Yes				
Warranty	10 Years				
Certificates					
	CE				
	EN 60335-1, EN 60335-2-29, IEC 62109-2				
	EN55014-1, EN61000-3-2/3, EN61000-6 -1/2/4				
	BAT: CE- RoHS – UN38,4				
Cost	POA	POA	POA	POA	POA



Increase self-consumption of your PV from 30% up to 85%

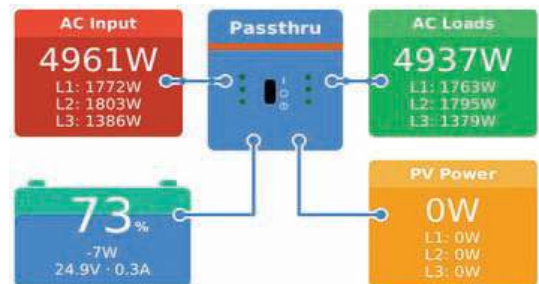
Pure Storage CM, contains a LiFePO4 battery, with a life of approximately 15 years. It is designed to retrofit into any size PV solar system and increase self-consumption. On average owners of PV panels will only consume 30% of PV solar generated energy, the rest being exported back to the grid. Pure Storage is designed to maximise self-consumption, enabling greater independence from energy companies and rising energy bills.

Protect critical circuits in case of power cut

Pure Storage CM also provides back up in case of a power cut to your selected critical circuits, including lighting, fridge/freezer, internet, phones and computers. During a power cut Pure Storage unit will automatically switch into back up mode and utilises the batteries stored energy.

Monitor PV & storage performance of your system and enhance savings

Pure Storage CM has a local monitor and also includes access to our portal. The portal enables remote monitoring and can be accessed via your computer, laptop or mobile phone. The system helps the home owner optimise self-consumption and reduce energy bills.



Easy to install – ‘plug and play’

The battery, electrical circuits and energy manager are conveniently located in a single box, which helps with a simple and trouble free installation. Once a convenient location has been established the Pure Storage CM system is simply connected to your existing electrical distribution system.

- One cable is required to connect the Pure Storage CM unit to your distribution board
- CT clamps are used to measure PV generation and measure import and export energy to your property
- If you choose the battery back-up system for critical circuits in case of power cuts then one cable between the critical circuits and the Pure Storage CM is required
- Trained installers will familiarise you with the local monitor and install the portal to your PC and mobile devices to enable remote monitoring

