




Escape1000-R

PowerPlus Energy's first containerised BESS designed for large scale commercial and industrial applications. Easily drop on site and connect to new or existing infrastructure with minimal fuss. Enjoy seamless integration, making it ideal for microgrids, remote operations, or grid support.

-  High Performance PCS
-  Scale to Suit your Needs
-  Intelligent Power System

Rated Capacity	1000kWh
Rated Power	500kW
Rated Grid Voltage	AC 400V
Cable Entry	Three-Phase Three Wire
Discharge Rate / Storage Duration	0.5C / 2 Hours
Battery System Voltage	672V ~ 864V
Battery Cell	280Ah, Lithium Iron Phosphate Battery Cell
Battery Cluster	768V/215kWh
Total Current Distortion Rate	< 3%
Power Factor	≥ 0.99 (Rated Power)
Power Factor Adjustment Range	-1.0 ~ +1.0 Adjustable
System Efficiency	Power Efficiency ≥ 96%, Energy Efficiency ≥ 85%
Operating Temperature Range	-10°C ~ 50°C
Cooling Method	Forced Air Cooling
Allowable Relative Humidity	0-95% Non-condensing
Communications	CAN, RS485, TCP/IP
Dimensions	6058mm L x 2438mm W x 2896mm D
Weight	18000kg
Warranty	5 + 5 Years

Powered By CATL: The Worlds Biggest Battery Manufacturer.

Trusted across automotive, utility, and industrial sectors, CATL's proven technology delivers long life, high performance, and the reliability required for large-scale energy applications.



Specifications correct at time of publication and are subject to change. Refer to website for latest information.