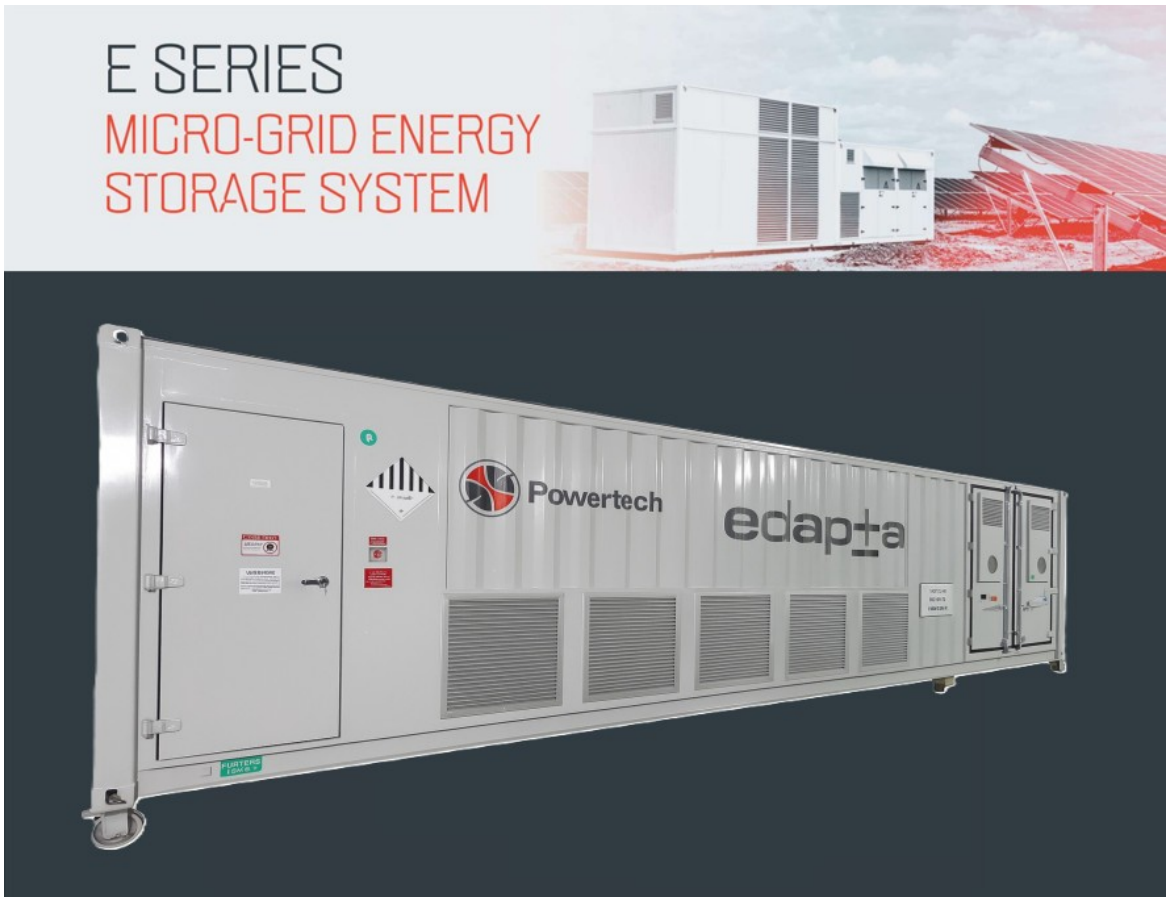
Powertech Pty Ltd



CONTAINERISED HYBRID POWER SYSTEM

Powertech

edapta



All-In-One design, highly integrated, plug and play, compatible with many brands of diesel/gas engines.

Built-in 13.3 inch touch screen, remote monitoring, control, diagnosis, and maintenance.

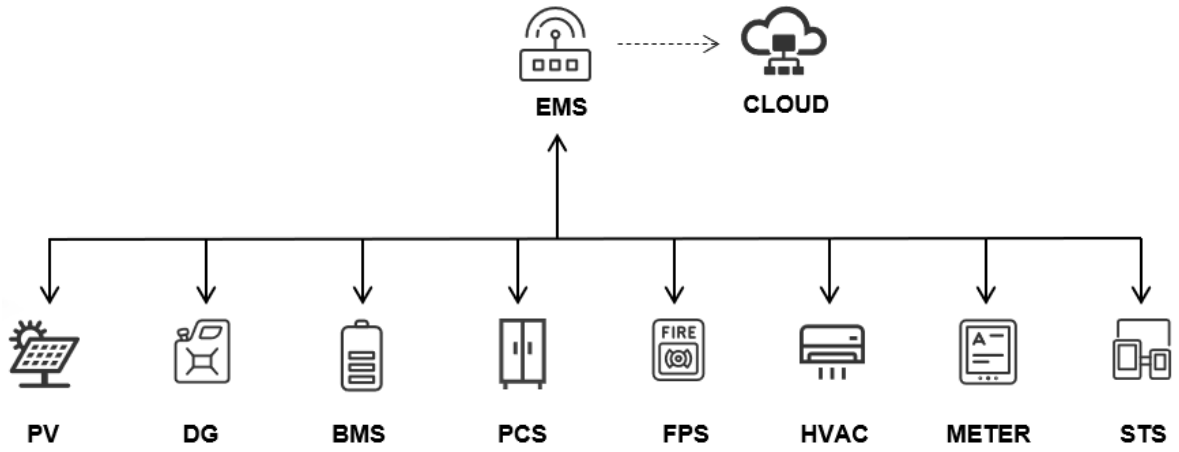
EMS controls generator to run at its highest efficiency power rating, then turns off.

Reduce fuel consumption, lower carbon emissions, contribute to sustainable development goals.

Optional cloud platform: remote maintenance, real-time big data analysis, integration control on cloud and edge devices.

The generator can be periodically turned off for maintenance requirements, or to provide silent operation overnight.

Technical parameters	
Model	HPS-500-2412
Electrical Parameters	
PCE Power	500 kVA / 500 kW: Continuous 550 kVA / 550 kW: 10 minutes 600 kVA: 1 minute 625 kVA: 10 seconds 750 kVA: 0.2 seconds
Continuous AC Current	722 A
Peak AC Current (0.2s)	1,083 A
AC Fault Current	1,600 A
Rated Voltage	400 VAC
Wiring Method	Three-phase 3P + PE
Battery Parameters	
Battery Energy Storage	2,412 kWh
Battery Type	Lithium-iron phosphate (LFP)
Nominal Voltage	768 V
Maximum Continuous Charge	0.5C @ 25℃
Maximum Continuous Discharge	0.5C @ 25℃
Working Temperature Range	Charge: 0°C ~ 50°C Discharge: -20°C ~ 50°C
System Parameters	
System Size (W x H x D)	12,190 × 2,591 × 2,438 mm
Weight (max)	<30 tonnes
Ingress Protection Degree	IP 55
Certification	AS/NZS 4777.2, IEC62619, IEC61000, IEC62477, IEC 63056, NRS-097, UN38.3
Altitude	5,000 m（Derating above 3,000 m）
Communication	RS485，Ethernet，CAN2.0


EMS
CLOUD
PV
DG
BMS
PCS
FPS
HVAC
METER
STS

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