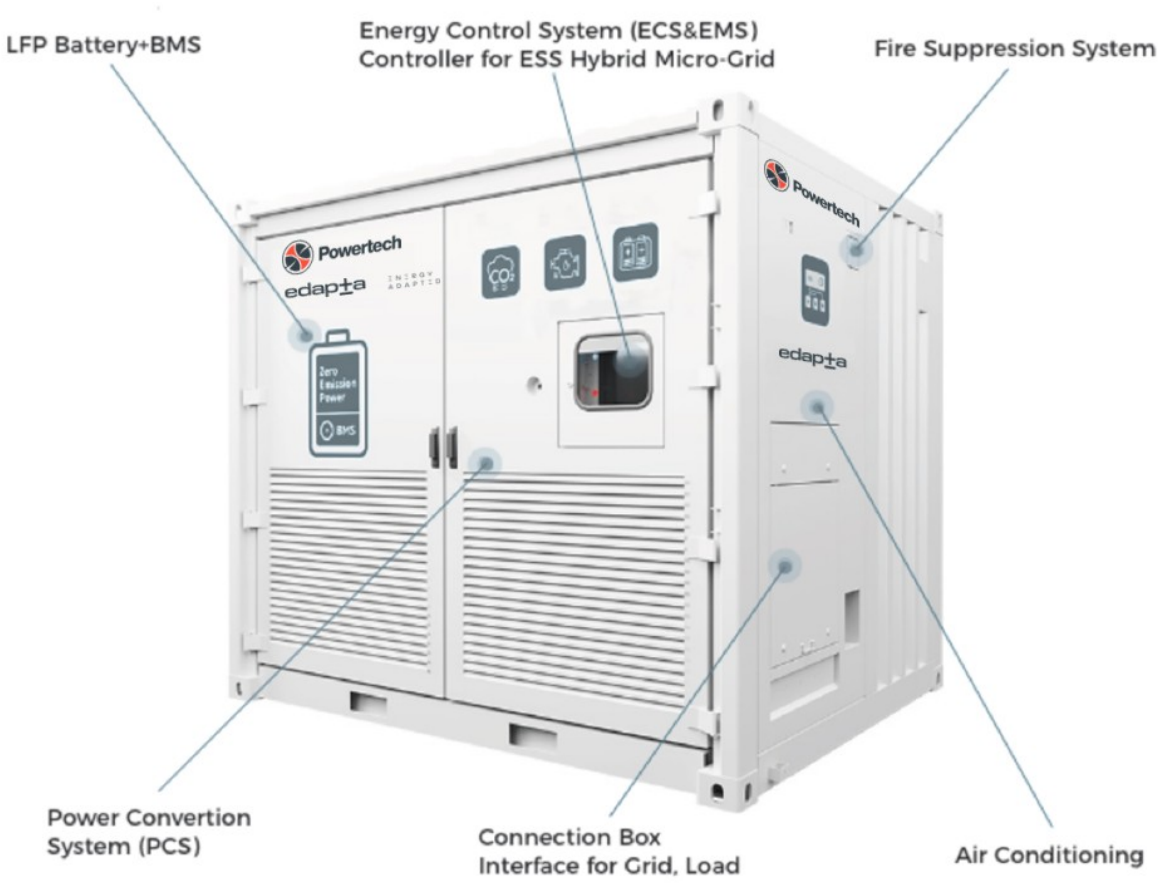
Powertech Pty Ltd



CONTAINERISED HYBRID POWER SYSTEM

Powertech

edapta



The image above show our standard size 10' container

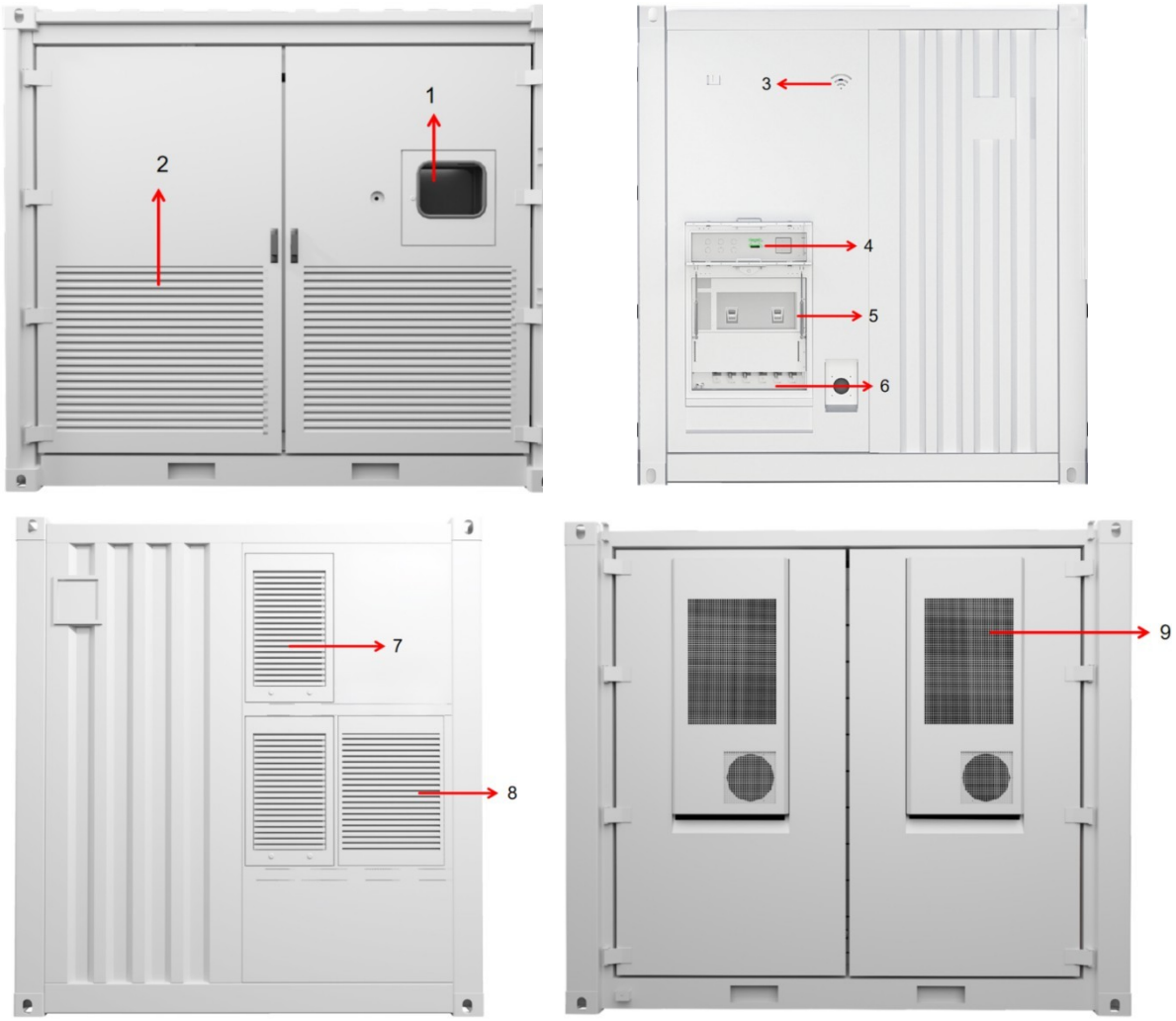
FEATURES

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.

SPECIFICATION

Technical parameters	
Model	HPS-250-482
Electrical Parameters	
PCE Power	250 kVA: Continuous 275 kVA: 10 minutes 300 kVA: 1 minute 312.5 kVA: 10 seconds 375 kVA: 0.2 seconds
Continuous AC Current	361 A
Peak AC Current (0.2s)	541 A
AC Fault Current	800 A
Rated Voltage	400-415 VAC
Wiring Method	Three-phase 3P + N + PE
On/Off-grid Switching Settings	Yes
On/Off-grid Switching Time	20ms + contactor switching time
Battery Parameters	
Battery Energy Storage	482 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)	2,991 × 2,591 × 2,438 mm
Weight (max)	< 8 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

APPEARANCE



Images above show our standard size 10' container.

Position	Description
1	HMI observation glass window
2	Cooling air inlet
3	Sound and light alarm
4	Communication cable junction
5	External electrical main switch
6	Industrial power terminal block
7	Cooling air outlet
8	Transformer cooling
9	Air conditioning

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