PowerCat-YD250C

250kW-522kWh

YD SERIES



Product Features

- Configure intelligent CNC cloud platform
- Energy-saving and environmental sustainability
- Multi-mode fast charging
- No noise pollution
- Active safety warning system
- Hybrid mode

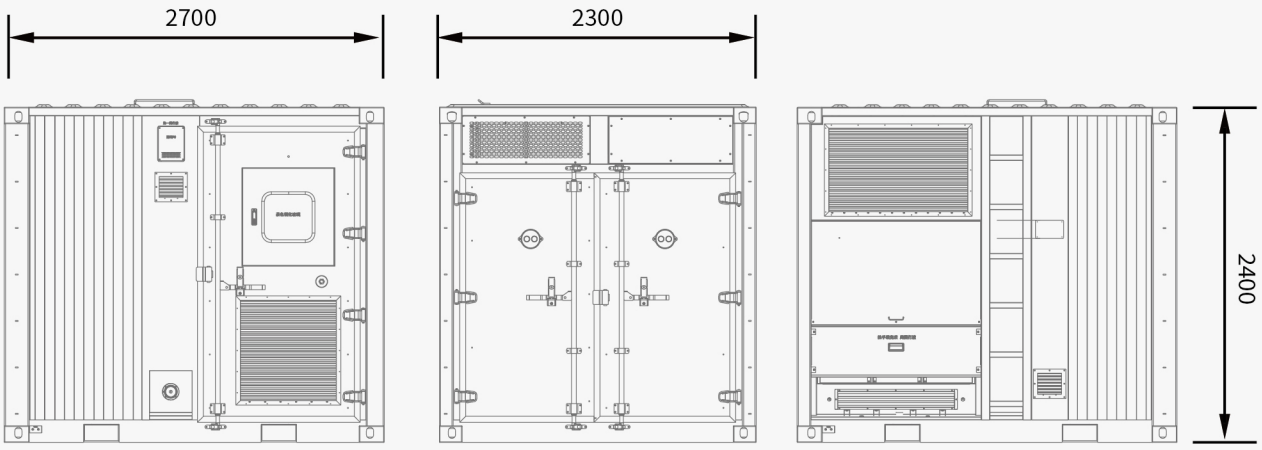
Product Overview

PowerCat container is our self-developed core product that own unique outdoor standard design and flexible compatible PV, utility grid and kinds of diesel generator.

Which mainly apply in diesel genset storage, expansion small utility grid storage.

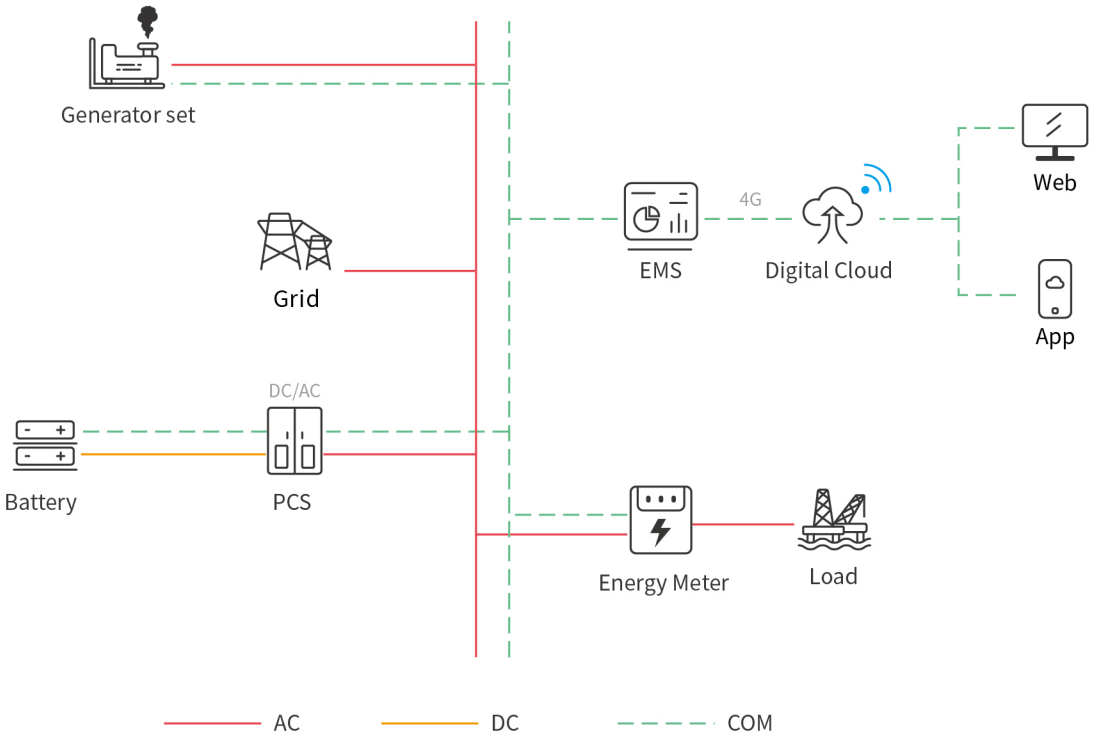
Strictly safety test, reliable and stable performance definitely meet industry requirements.

Product Dimensions



Marking Unit:：mm

Product Principle



Battery System	Rated capacity(kWh)	522
	Battery Chemistry	LFP(Lithium Iron Phosphate)
	Max. system efficiency(%)	90
	Expected cycle life(100%DOD)	6000 times
	Isolation method	Power frequency isolation
Output Power	kW/kVA Overload (<3min)	250/275
	kW/kVA Nominal	250/250
System Output Power	Overload (<3Min) Current(A)	396
	Rated current(A)	360
	Voltage(VAC)	400±10%(adjustable)
	Frequency(Hz)	50±3
	Connection Method	3P4L
Generator Interface	Power interface	100~500kVA
	Control interface	Dry Contact Relay，Ethernet，RS485
Grid Interface	Power interface	100~500kVA
	Control interface	/
System Architecture	Communication interface	Ethernet，RS485，4G Router
	Protection rating	IP55
	Dimensions(L*W*H)mm	2700×2300×2400
	Weight(tons)	8.2
	Cooling type	Liquid cooling
	Refrigerating fluid	50%water + 50%Ethylene Glycol(EG)
	Noise Emission(dB)	＜65
	Temperature range(℃)	-20~50
	Humidity range(%)	5~95
Standard	GB/T36276，GB/T34131，UL1973，UL9540A，IEC62619，UN38.3，UN3480	

*In the interests of continual product improvement, specifications are subject to change without notice.

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