PowerCat-YD130

130kW-261kWh

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

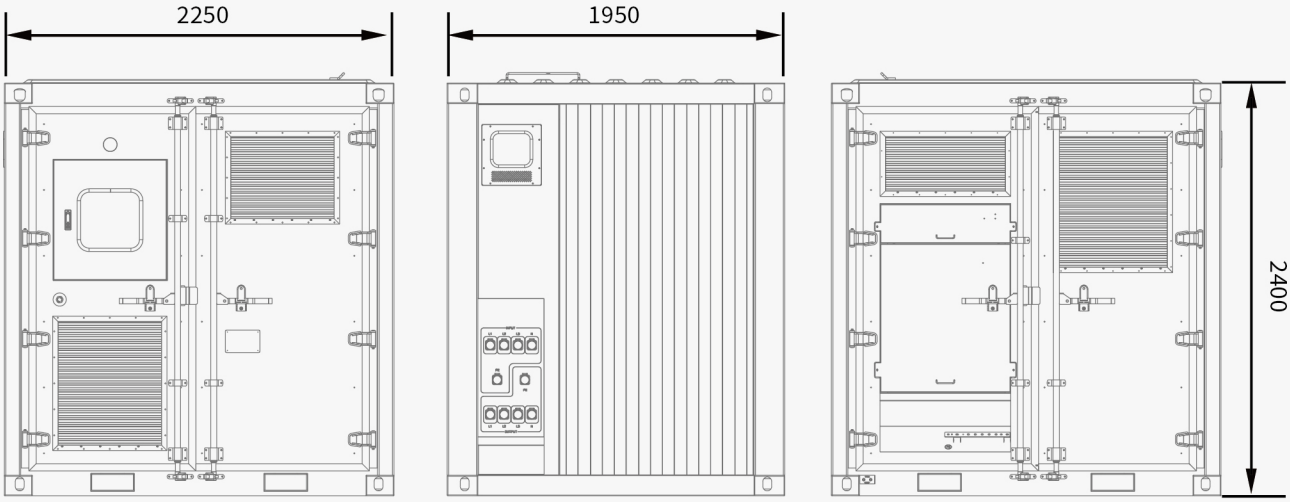
Product Overview

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.

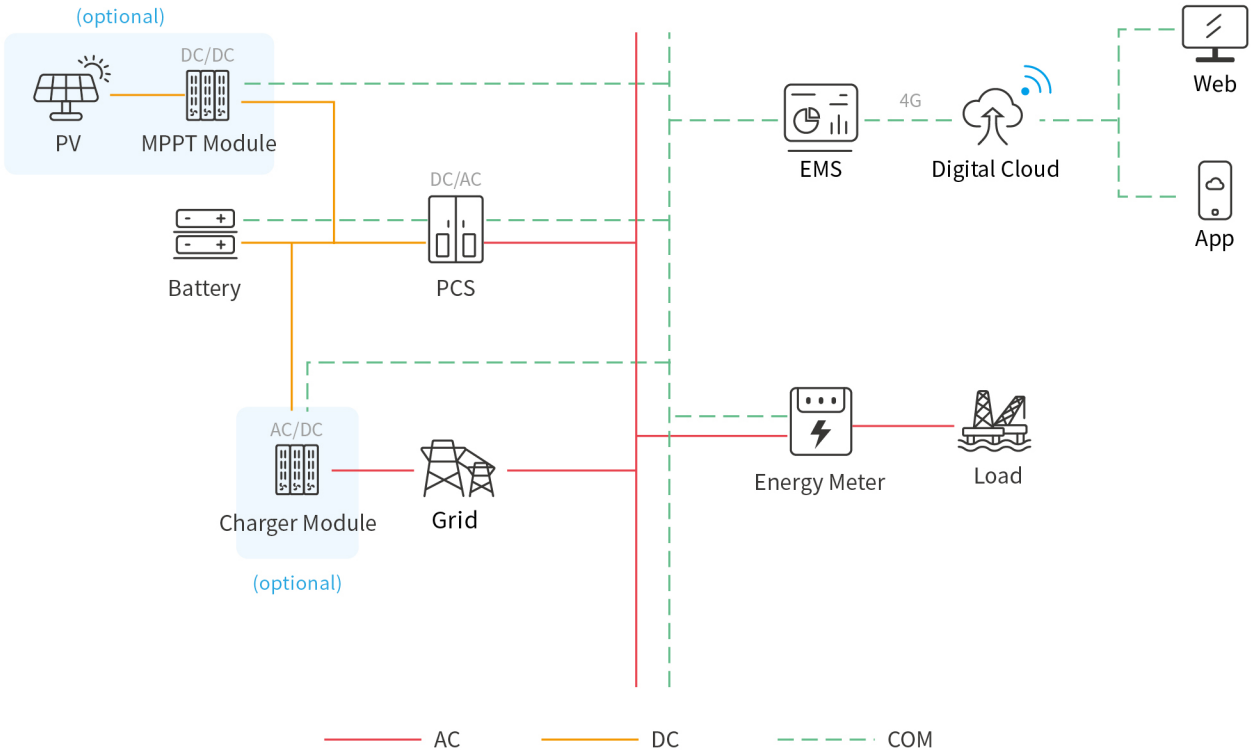
Which mainly apply in diesel genset storage, expansion small utility grid storage.

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

Product Dimensions



Product Principle



Battery System	Rated capacity(kWh)	261
	Battery Chemistry	LFP(Lithium Iron Phosphate)
	Max. system efficiency(%)	90
	Expected cycle life(up to 80% of original capacity)	8000 times
	Isolation method	Power frequency isolation
Output Power	kW/kVA Overload (<3min)	195/195
	kW/kVA Nominal	130/130
System Output Power	Overload (<3Min) Current(A)	282
	Rated current(A)	187.6
	Voltage(VAC)	400±10%(adjustable)
	Max. bypass power(A)	/
	Frequency(Hz)	50±3
	Connection Method	3P4L
	Output Connector	Connect to copper bar 800A
Independent Charging Interface	Voltage(VAC)	400±20%
	Max. charging rate(kW)①	40/80
	Input connector	80A terminal
	Support type	Power Grid/ Diesel Generator(≤100kVA)
Generator Interface	Power interface	100kVA~500kVA
	Control interface	Dry Contact Relay，Ethernet，RS485
PV Interface	PV DC Coupling(kW)	Customized
	PV AC Coupling(kW)	20~80
System Architecture	In Parallel	Support
	Communication interface	Ethernet，RS485，4G Router
	Protection rating	IP55
	Dimensions(L*W*H)mm	2250×1950×2400
	Weight(tons)	≈5
	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	

①Depending on the power of the actual configuration of the charging module.

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

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