PC-Palgontso

Container ESS

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集装箱式储能系统

兆瓦时级容量 • 1075 kWh / 2150 kWh
MWh-Scale Capacity, 1075 kWh / 2150 kWh

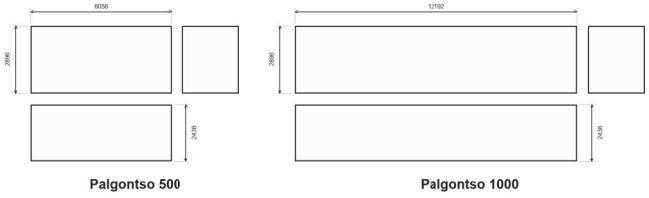
大功率输出 • 500 kW / 1000 kW
High Power Output, 500 kW / 1000 kW

标准集装箱 • 20 尺 / 40 尺可选
Standard 20 ft / 40 ft Container, Easy Transport

全氟己酮消防 • 全链路安全防护
Perfluorohexanone Fire Suppression, Full-Chain Safety

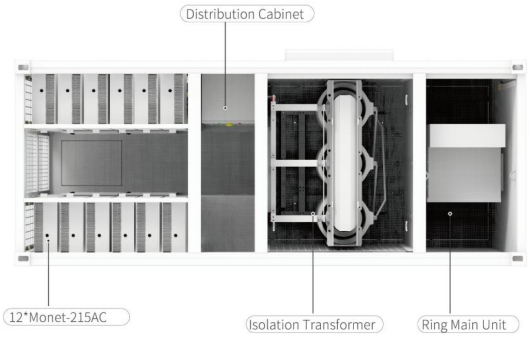
国际认证 • IEC / UL / UN38.3
Certified to IEC 62619, UL1973, UN38.3

几何尺寸 Dimensions



Palgontso 500　　Palgontso 1000

结构 Structure



参数 Parameter	单位 Unit	Palgontso 500	Palgontso 1000
额定交流功率 Rated AC Power	kW	500	1000
额定交流电压 Rated AC Voltage		400 Vac, 3W+PE	400 Vac, 3W+N+PE
额定交流电流 Rated AC Current	A	720	1440
电池额定容量 Battery Rated Capacity		215 kWh × 5	215 kWh × 10
电池电压范围 Battery Voltage Range	V	672-864	672-864
电池配置 Battery Configuration		5Px20Sx12S	10Px20Sx12S
适用电池 Applicable Batteries		LFP	LFP
电池电芯容量 Battery Cell Capacity		3.2 V / 280 Ah	3.2 V / 280 Ah
变流器类型 PCS Type		Modular; Efficient Three-Level Protection	Modular; Efficient Three-Level Protection
隔离变压器 Isolation Transformer		Available (Optional)	Available (Optional)
尺寸（宽×深×高） Dimensions (W×D×H)	mm	6058×2438×2896	12192×2438×2896
防护等级 Protection Level		IP54	IP54
相对湿度 Relative Humidity		0-95% (No Condensation)	0-95% (No Condensation)
消防灭火系统 Fire Extinguishing System		Perfluorohexanone / Heptafluoropropane	Perfluorohexanone / Heptafluoropropane
电池仓散热方式 Battery Compartment Cooling Method		Air Cooling	Air Cooling