

LUNA2000-200KWH-2H1

Smart String ESS



More Energy



Simple O&M



Safe & Reliable

Energy Storage System Parameters

Battery Configuration	12S1P
Maximum battery capacity of the energy storage system	193.5 kWh
Rated Power	100 kW
Dimensions (W x H x D), including DC/DC and PCS	2570mm×2135mm×1200mm
Dimensions (W x H x D)	1810mm×2135mm×1200mm
Weight (including the battery module)	≤2950kg
Weight (without the battery module)	≤1070kg
Operating temperature range	-30 °C ~ 55 °C
Storage temperature range	-40 °C ~ 60 °C
Operating humidity range	0 ~ 100% (non-condensing)
Maximum operating altitude	4,000 m
Installation Environment Requirement	Outdoor installation
Battery temperature control mode	Industrial-grade air conditioner
Fire suppression of energy storage system	YES
Auxiliary Power Supply	220Vac, ≤4.2kVA
Communication port	Ethernet / SFP
Communication protocol	Modbus TCP
Protection degree	IP55
EMC Protection Rating	ClassA
DC Lightning Protection	Type II

Standards

Environment	RoHS6
Certification Standards	GBT 36276-2018; IEC62619; UL9540A; UN38.3