



HLS-Etank-A/

Rated Power 0.5/1.2 MW

Battery Capacity 1/2.5 MWh



High energy efficiency

Flexible capacity configuration



Dynamic scalability

High performance and controllable cost



Cloud monitoring available

7×24 hours remote operation and maintenance
Failure prediction



Safe and stable

Stable voltage
Short circuit protection design

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System Specification

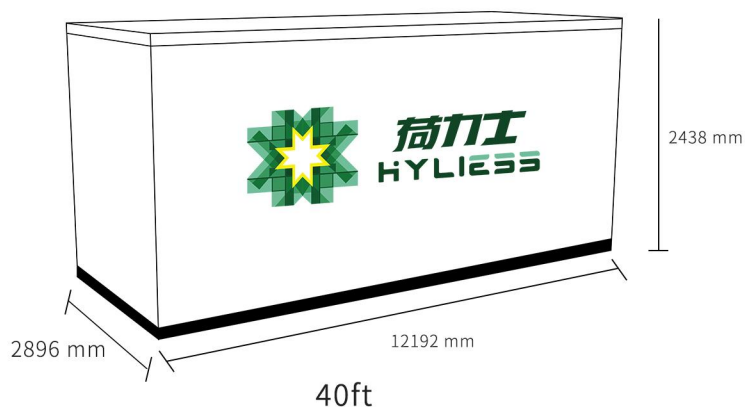
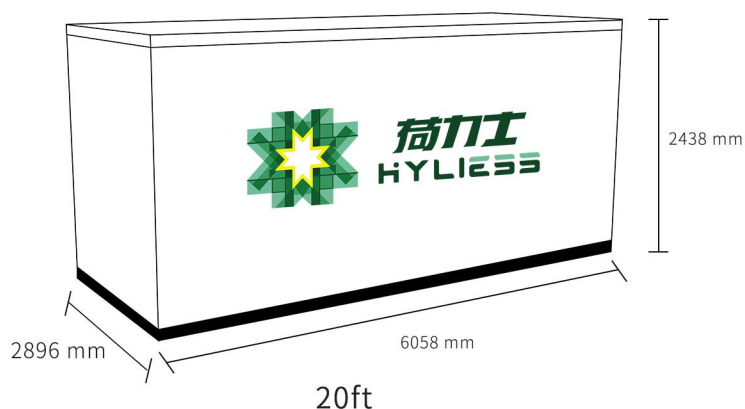
Cell type	3.2V / 280Ah
Battery configuration	230S 5P/350S 8P
Rated Power	500/1250 kW
Rated capacity	1030.4/2508.8 kWh
Voltage range	644~828V 980~1260V
AC side rated power	1575/3150kVA
AC current distortion rate	< 3%(work in rated power)
DC component	< 0.5%(work in rated power)
Rated AC voltage	315V/500V
AC voltage range	283~346V 450~550V
Power factor	> 0.99(work in rated power)
Adjustable range of reactive power	1.0(leading)~1.0 (lagging)
Rated grid range /frequency	50Hz/45~55Hz
Isolation method	Transformer isolation

Mechanical specification

BMS interface	RJ45,RS485, Ethernet
BMS communication protocol	Modbus RTU; Modbus TCP; CAN
Protection rating	IP54
Max. working altitude	3000m(>2000m derating)
Battery temperature control method	Air cooled

Size(W*D*H)	6058×2896×2438mm 12192×2896×2438mm
Operating temperature range	Charge: 0°C~45°C Discharge: -20°C~55°C(>45°C derating)
Communication protocol	Modbus RTU; Modbus TCP; IEC 104 Optional; IEC 61850 CAN

Product Design



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