



Industrial & Commercial Energy Storage System Solution

ESS 215 Outdoor energy storage cabinets



The outdoor cabinet energy storage system ESS215 can be connected to the grid and run off-grid, which can effectively regulate and control power resources in the energy storage link of the smart grid, and well balance day and night and different seasons Electricity consumption differences, adjust surplus and shortage, and ensure the safety of the power grid.

Model		ESS 215
DC side parameters	Cell type	GSP54174145F,3.2V150Ah
	Battery voltage range	627.2VDC~806.4VDC
	Current rating	150A
	Maximum current	165A
	Charge-discharge rate	≤0.5p
	Cooling method	Liquid cooling
AC side parameters	Rated power	100kW
	Rated capacity	215KWh
	Maximum output power	125kW
	Rated output current	152A
	Maximum output current	163A
	Rated grid voltage	380V
	Allowable grid voltage	-15%~+10% or 323V~418V
Basic parameters	Rated grid frequency	50Hz/60Hz
	Charge/discharge transition time	<20ms
	System efficiency	90% at rated service
	IP rating	IP54B
	Operating temperature	-20°C~+55°C
	DC input	Circuit breaker + Fuse
	AC input	breakers
	Overvoltage protection	DC Type II /ACType II
	Fire protection system	aerosol
	Allowable ambient temperature	-20°C~60°C
	Allowable ambient humidity	0~85%RH
	Working altitude	2000 meters