

Optical storage hybrid integrated charging station

40KW-50KW+125kWh optical storage integrated small power station based on lithium iron phosphate battery technology. This system consists of a group of 125kWh battery storage units, 1 set of 50kW optical storage charging inverters, and 2 sets of 20kW smart DC charging pile composition.

▲ This picture is for reference only



equipped with fire protection system



All -in -one transportation, simple construction on -site construction C4 anti -corrosion level,



Modular standard module 16S1P-51.2V280AH



Multiple protection

	Item	Parameters
Battery Cabinet Parameters	Dimensions of outdoor energy storage cabinets	1050mm(W)X1000mm(D)X2350mm(H)
	Nominal capacity	314Ah
	Nominal Voltage	409.6V
	Standard charging current	0.5C/25℃
	Maximum continuous discharge power	160A/25℃
	Rated electricity	128KWh
	Working voltage range	384V-460.8V
	Maximum charging voltage	3.6V
	Single minimum discharge voltage	3
	Protection level	IP65
cooling method	Top mounted air conditioning cooling	
Battery string Parameters	Battery pack size	482.6mm(W)X750mm(D)X220mm(H)
	Nominal capacity	314Ah
	Nominal Voltage	51.2V
	Standard charging	0.5C/25℃
	Maximum continuous discharge power	0.5C/25℃
	Energy	16.076KWh
	Working voltage range	48V-57.6V
	Maximum charging voltage	3.6V
	Single minimum discharge voltage	3.0V
	Insulation performance	≥1000Ω/V
Single cluster configuration information	Battery	51.2V314AH
	BMU BMU	16S
	High -pressure control box	128S
	Outdoor cabinet	1050*1000*2350mm
	Photovoltaic energy storage inverter	50KW
	Charging pile	20KW
	Fire Fighting System	FGS-XR1000E
	Communication cable	Supporting facilities
	Power cable	Supporting facilities