

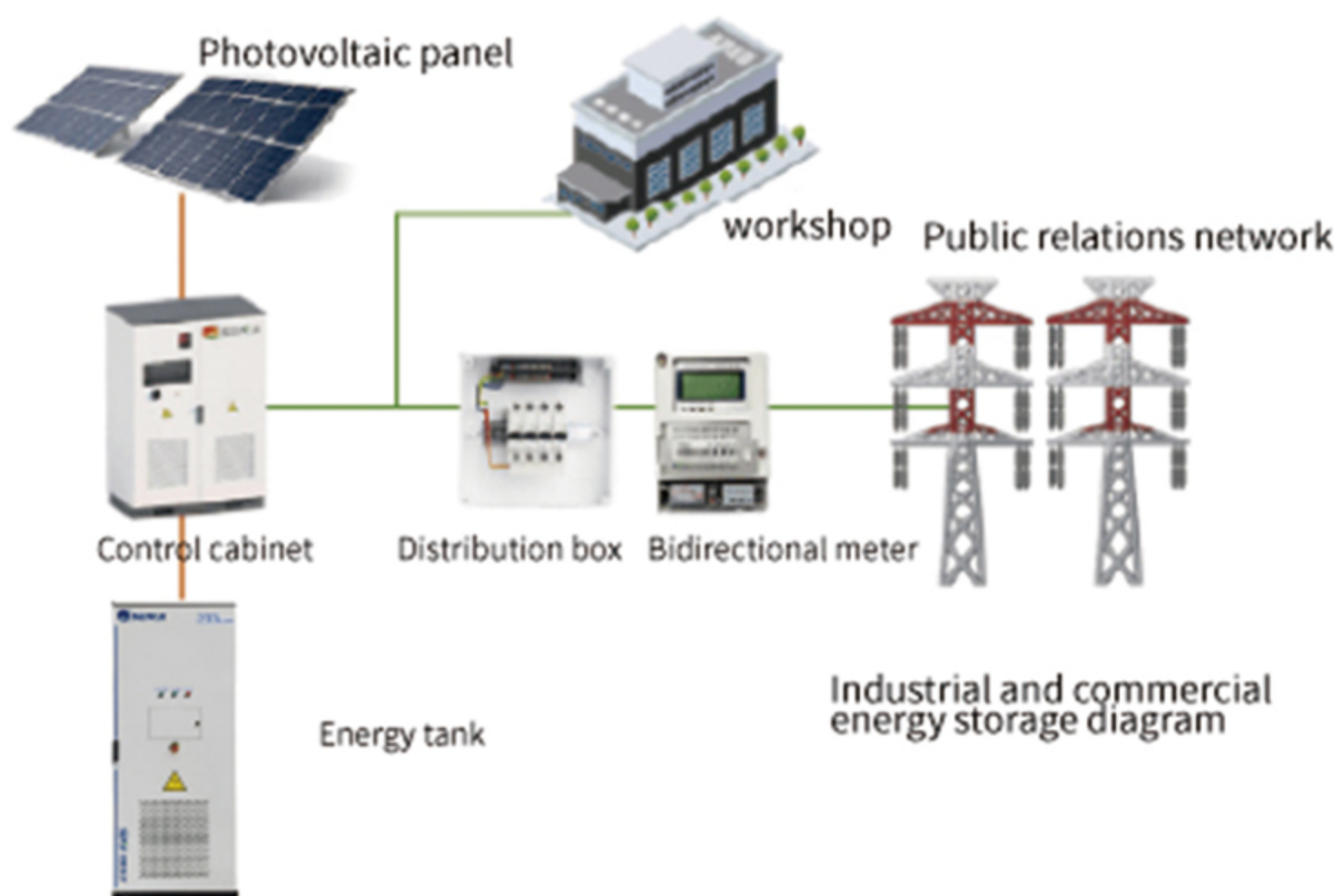
SJ-MFY233

100kW/233kWh Liquid cooled type



Product characteristics

- Excellent cooling performance
- Highly integrated, high security and reliability
- High efficiency and fast energy storage, widely used



Product parameter

100kW/233kWh liquid cooled

PCS	Product model	SJ-MFY233
	Rated power (KW)	100
	Dc voltage operating range (V)	725V-940V
	Maximum output power (KW) [Grid-connected]	110
	Rated grid voltage (V)	380
	Allowable grid voltage (%)	15% ~ +10%
	Rated output frequency	50Hz/60Hz
	Charge and discharge conversion time	≤20ms
	Max Output power (KW) [Off-grid]	100
	Overload capacity	1.1 times long-term operation (45 degrees), 1.2 times 1min, 1.3 times 1s
	Maximum attainable efficiency	98.5%
	Authentication	IEC62619, IEC63056, EN50549-1, EN50549-2, EN61000, IEC 61727, IEC 62116, UN38.3, CE-EMC, CB, CE, UL, JET, GB36276, GB4943.1
Battery system	Battery type	Lithium iron phosphate
	Number of battery cycles	≥8000 (80% SOH)
	Battery group mode	5*1P52S
	Nominal voltage	DC 832V
	Voltage range	DC 725V-940V
	Class of protection	IP54
	Rated charge and discharge ratio	≤0.5CP
	Operating relative humidity	5% - 95% (No condensation)
	Operating temperature	-30°C to 55°C
	Fire spray	Sevofluoropropane/perfluoroacetone
	Cabinet main material	Galvanized steel sheet
	Surface spraying	Electrostatic spraying/fluorocarbon paint
	Temperature control mode	Liquid cooling
	Fire detection	Temperature/smoke/open flame/combustible gas
	Appearance dimensions (L * W * H)	1112*1420*2370mm
	Authentication	IEC62619, IEC63056, EN50549-1, EN50549-2, EN61000, IEC 61727, IEC 62116, UN38.3, CE-EMC, CB, CE, UL, JET, GB36276, GB4943.1
	Weight (t)	About 2.6t
	Working altitude (M)	≤3000
	Cell capacity	314Ah