

All-in-one ESS Cabinet

ASW PT Series



Model:
ASW 125K/261-PT



All in one Design

- High energy density, with PCS and battery integrated into one cabinet
- Space-saving design, requiring minimal floor space
- Modular design for easy installation and capacity expansion



High safety

- Multi-level electrical protection and fire protection
- PACK-level alarms and protection to effectively prevent fault propagation
- Zone-isolated enclosure and advanced liquid cooling



Smart O&M

- Modular design, PCS and battery module replaced quickly
- High-cycling cells design reduces lifecycle maintenance
- Integrated local EMS for real-time data and system monitoring

Technical Datasheet

ASW 125K/261-PT

Battery Parameter	Battery energy	261 kWh
	Battery type	LiFePO4 3.2 V / 314 Ah
	Battery module energy	52 kWh
	Rated voltage	832 V
	Voltage range	728 V - 936 V
	Battery system configuration	1P260S
	Charge and discharge rate	0.5P
	Cooling concept	Liquid cooling
AC Parameter	Rated power	125 kW
	Max. apparent power	137.5 kVA
	Rated voltage	400 V
	Voltage range	323 V - 460 V
	Rated frequency	50 Hz / 60 Hz
	Rated current	180 A
	THD	≤ 3 %
	Power factor	-1 ~ +1
	Overload capability	110% - longtime
General Parameter	System efficiency	≥ 90%
	Cycle life	≥ 8000 times
	Operating temperature range	-25 °C ~ 55 °C
	Operating humidity	5 % - 95 % R.H
	Degree of protection	IP55
	Max. operating altitude	4000 m (≥2000m derating)
	Dimension (W / H / D)	1300 / 1400 / 2350 mm
	Weight	2.8 T
	Firefighting system	Aerosol
	Communication interface	CAN / RS485 / ETH / 4G

