

Product Data Sheet: ESD1267-05P3421 / ESD1280-05P4608



**Product images are for reference only. Final appearance may vary based on configuration/customization.*

Technical Specifications	ESD1267-05P3421	ESD1280-05P4608
Cell Capacity	300 Ah	300 Ah
Nominal Energy	3421.4 kWh	4608 kWh
Nominal Voltage	1267 V	1280 V
Voltage Range	1108.8–1425.6 V	1120–1440 V
Charge/Discharge Ratio	0.5P @ 25°C	0.5P @ 25°C
Max Charging Power	1710.7 kW (0.5P)	2304 kW (0.5P)
Operating Temperature	-30°C to 45°C	-30°C to 45°C
Storage Temperature	-30°C to 60°C	-30°C to 60°C
Humidity	<95%	<95%
Altitude	<3000 m	<3000 m
Class of Protection	IP54	IP54
Cooling	Liquid Cooling	Liquid Cooling
Fire Protection	PACK + Gas + Water	PACK + Gas + Water
Communication Interfaces	CAN, RS485, Ethernet	CAN, RS485, Ethernet
Dimensions (W×D×H)	6058×2438×2896 mm	6058×2438×2896 mm
Weight	37 tons	43 tons

System Energy Density	High	High
Installation	Modular	Modular
Temp. Control	Intelligent liquid cooling	Intelligent liquid cooling
System Temp. Delta	<5°C	<5°C
Land Use Efficiency	Saves 35% area	Saves 35% area
Lifespan	12,000 cycles	12,000 cycles

Certifications:

UL1973, UL9540A, IEC62619, UN38.3, IEC62477, IEC61000, IEC60730, IEC62933, GB/T 36276