

储能变流升压舱

Energy storage

Conversion and surge tank



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概述 Overview

The integrated equipment of this product includes dry-type transformers, PCS, high and low voltage switchgear, etc., with a voltage level of 6-35KV and a capacity range of 0.5-3.75MW.

产品功能 Product Function

The integrated design of "reverse" and "change" facilitates transportation, installation, and maintenance by integrating local controllers, achieving unified control scheduling and online fault diagnosis.

Integrated and efficient three-level topology energy storage inverter, with a maximum efficiency of 99% forced cold air, 110% long-term overload capacity, and no capacity reduction in a 50 environment. Integrated lithium battery charging and discharging management, extending battery life, supporting high/low voltage crossing, frequency crossing, fast power scheduling, and strong adaptability to the power grid. Suitable for various energy storage application scenarios such as peak shaving, frequency regulation and peak shaving, auxiliary new energy grid connection, etc., with PQ, VF, VSG, SVG and other functions, supporting off grid operation and "black start".

技术参数 Technical Parameters

型号 Model Number		FWSC1000A-MV35	FWSC1260A-MV35	FWSC2000A-MV35	FWSC2500A-MV35
直流 DC	Battery voltage range (v)	500~900			
交流 AC	Maximum apparent power (KVA)	1100	1386	2200	2750
	Rated output power (KW)	1000	1260	2000	2500
	Rated voltage (KV)	35			
	Voltage range (KV)	38.5±2×2.5% (6、10、22) 可选			
	Rated current (A)	16.5	20.8	33	41.2
	Maximum output current (A)	18.1	22.9	36.3	45.4
	Rated rate (HZ)	50/62			
	Rate range (HZ)	45-55/55-65			
	THD i	<3%			
	Power factor	1 lead lag (adjustable)			
	Communication format	3W+PE			
	交流数据 AC Data	Maximum efficiency	98%		
Defense level		IP54			
Noise		<75			
Ambient temperature		-30°C ~ 55°C			
Cooling method		Temperature controlled forced air cooling			
Relative humidity		0~95% non condensing			
Altitude		5000m (derating above 3000m)			
Dimensions w * D * H (mm)		4300*2438*2591		6058*2438*2591	
Weight (kg)		4500		8000	
Isolation voltage regulator		NO have			
Shutdown self consumption (W)		<20		<40	
Pressure regulator		Manual (default)/Automatic (optional)			