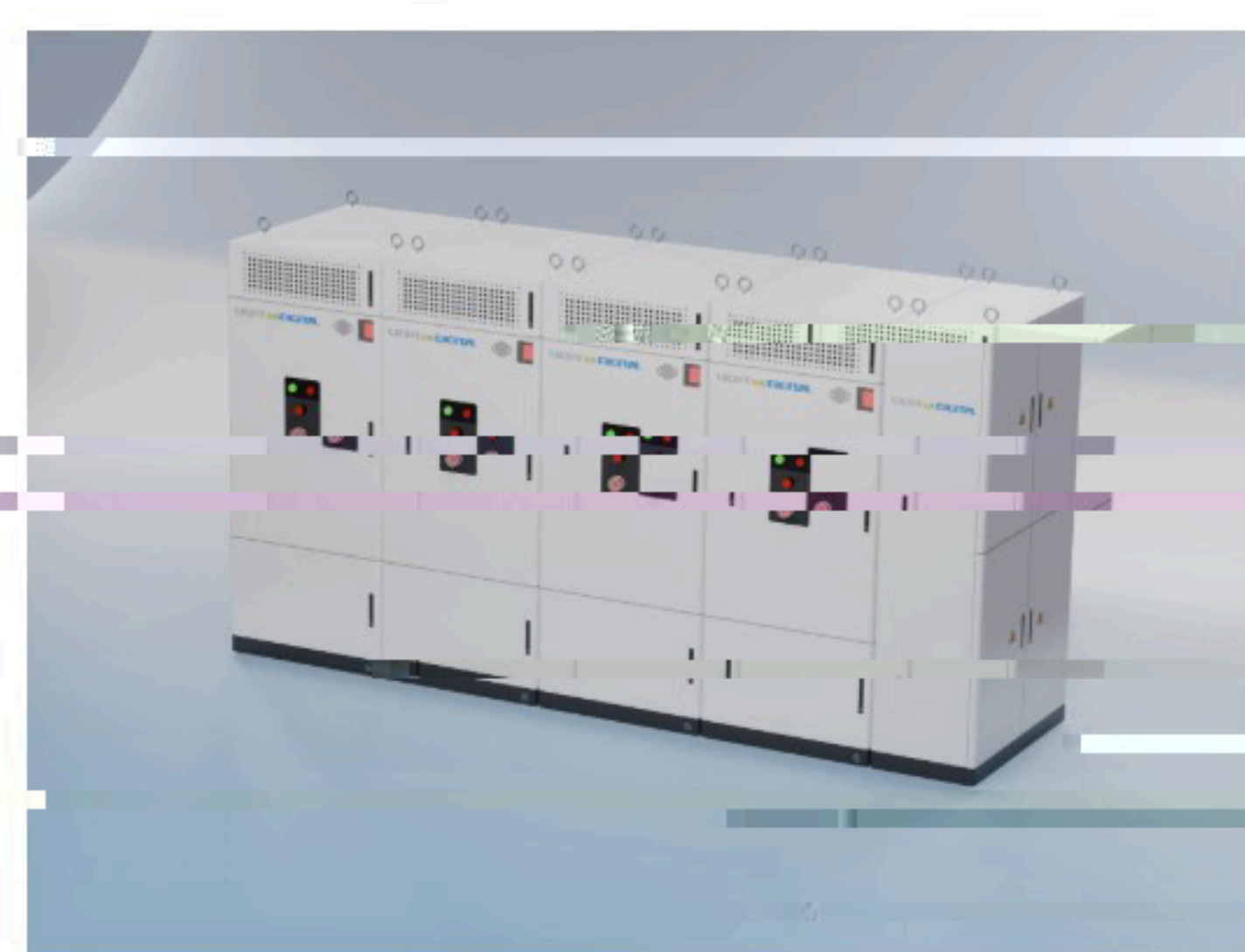


**Zhiguang Digital All Liquid
Cooling industrial and
Commercial Energy Storage
System (110kW/233kWh)**



Features

- Ultimate modularity and standardized design
- PACK and PCS dual channel redundancy
- Flexible layout combination, can be installed to 1000mm, 1200mm, 1400mm, 1600mm, 1800mm, 2000mm, 2200mm, 2400mm, 2600mm, 2800mm, 3000mm, 3200mm, 3400mm, 3600mm, 3800mm, 4000mm, 4200mm, 4400mm, 4600mm, 4800mm, 5000mm, 5200mm, 5400mm, 5600mm, 5800mm, 6000mm, 6200mm, 6400mm, 6600mm, 6800mm, 7000mm, 7200mm, 7400mm, 7600mm, 7800mm, 8000mm, 8200mm, 8400mm, 8600mm, 8800mm, 9000mm, 9200mm, 9400mm, 9600mm, 9800mm, 10000mm combination 3.13 megawatt hours
- BMS, PACK, Cabinet, three-level safety, inverter, and data analysis warning
- Battery, PACK, and cabinet three-level pressure relief and protection
- Networked, EMS energy management, and cloud-based big data lifecycle management based on the 5S fully-digital concept

Basic	
Configuration	IP260S
Number of Pack	5
Short-circuit current	12.2kA
Electrical	
Rated charging Current	141A
Max. Charging Current	160A lasts 1minute
Nominal Capacity	233KWH
Voltage Range	728~949V
Nominal Voltage	832V
Max. continuous current	140A
Rated Power	100kW(0.5P)
Auxiliary Power	
Cooling Unit Power	Cooling:8KW
Voltage range	176~264V
BMS Power	60W
System	
Anticorrosion	C5
IP rating	Battery:IP66,Control:IP65,NEMA 3R
Power connection	Fast Plug
Grounding Mode	≤ 4Ω, Meet the Local Scope Requirements
Cooling Mode	Liquid Cooling
Storage Environment Temperature	-50~60℃
Operating Environment Temperature	-25~55℃
Environment Humidity	≤95% (Non-Condensing)
Altitude Requirements	< 4000m (> 3000m Derating)
Dimension	1500*1000*2300mm
Weight	3000kg
Color	RAL7035
PCS	
Basic	
Rated Power	100kVA
Overload Capability	Constant Operation@110%, 1min@120%
Efficiency	99%
Power Response time	<20ms
Charge/Discharge Switching Time	<50ms
Operating Environment Temperature	-40~+40℃ (5~40℃@95%RH)
Installation	Wall Mounted
IP rating	IP66
Cooling Mode	Liquid Cooling
Isolation Method	Non-Isolated
DC side	
Max. Voltage	1000V
Operating voltage range	600~1000V
Full Load Operating Voltage Range	600~1000V
AC side	
Rated Voltage	380V
Rated Current	145A
Max. Long-Term Operating Current	173A
Voltage Range	±15%
Frequency	50/60Hz±5Hz
Total Current Harmonics	< 3%
Communication	
Communications interface	wireless 4G/3G/RJ45/RS485
Communications Protocol	Modbus-RTU/Modbus-RTU



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