

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



Basic	
Configuration	IP260S
Number of Pack	5
Short-circuit current	12.2kA
Electrical	
Rated charging Current	140A
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	
Anticorossion	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 °C
Operating Environment Temperature	-25~55 °C
Environment Humidity	RH≤95% (Non-Condensing)
Altitude Requirements	< 4000m (> 3000m Derating)
Dimension	1500*1300*2300mm
Weight	3000kg
Color	RAL7025
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	-40~45℃
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/5G/RJ45/RS485
Communications Protocol	Modbus-RTU/Modbus-TCP



Guangzhou Zhiguang Electric Co., Ltd.

Add: No. 89, Rulin Road, Huangpu District, Guangzhou P.R. China.

Tel: 020-83909333

Fax: 020-83909222

Web: [www.gzzg.com.cn](http://www.gzzg.com.cn)