



15kW/60kWh Industrial & Commercial Energy Storage Solutions



High Safety

- Self-developed patented automatic assembly technology
- Safe and stable low-voltage operation
- Passed national fire safety certification
- No overheating, no explosion; safe and reliable

High Protection

- Anti-island protection, AC short circuit protection
- DC reverse connection protection, output over-current protection
- AI monitors PV string faults

High Integration

- Integrates 15kW/60kWh, unified design.
- Supports PV input (Optional) and grid input
- Supports On/Off-grid operation

Zero disturbance

- Natural cooling, silent operation
- Ultra-slim body, flexible installation footprint

Smart Cloud

- LCD smart display interface, supports WIFI/4G
- Cloud data connection, monitors device status anytime via mobile/PC.

Multi-scenario

- Modular unit design. easy disassembly/installation
- Zero commissioning; quick adaptation to diverse conditions



Ritar Power Group
Add: 10/F,BlockC,Building1,Software Industry Base,Gaoxin South10thRoad,Nanshan District,Shenzhen,China
Tel: + 86-755-33981668
Fax: + 86-755-83475180
WWW. RITAR POWER. CN



15kW/60kWh Technical Parameters

Model	15kW/60kWh
On-grid Parameters	
Rated Power	15kW
Maximum Output Power	16.5kW
Grid Voltage	380-400V
Frequency	50/60Hz
Maximum AC Current	25A
Off-grid Parameters	
Output Power	15kVA
Instantaneous Power	16.5kVA
Off-grid Voltage	380V/400V
Rated Current	25A
Output Mode	On Grid (Default) /Off Grid
Protection	AC output overcurrent protection, Leakage protection, Insulation impedance testing, AC overvoltage/underovltage protection, Load output short circuit protection
Battery Parameters	
Battery Type	OPzV Solid lead battery
Cell Voltage	2V
Cell Capacity	300Ah
Energy Storage Capacity	60kWh
Battery Number	98
Voltage Range	176.4~230.3V
Rated Battery Voltage	196Vdc
General Parameters	
Dimensions(W*H*D)	1600*1000*2000
Weight	3400kg
Operating Temperature Range	-25°C~60°C
Cooling Method	Intelligent air-cooled
Maximum Working Altitude	0~3000m (>2000derating)
Operating Humidity	0~95% (Condensation-free)
IP Code	IP54
Display	LCD
Communication	RS485/CAN/WiFi