



Rendering

1. Compact footprint, high integration level.
2. Fully digital voltage and current dual-loop control with advanced SPWM technology, outputting pure sine wave.
3. Four selectable charging modes: PV Only, Grid Priority, PV Priority, Hybrid Charging.
4. Two output modes: Grid Bypass and Inverter Output, providing uninterrupted power supply functionality.
5. Eco mode: Reduce no-load power consumption.
6. Intelligent speed-adjustable fans: efficient cooling and extended system lifespan.
7. Multiple protection features: comprehensive 360° safety.

## Technical Parameters

Model	RITAR- OPzV- 15 kWh Cabinet	
Grid Input	Input Voltage Range	(90V-140V) ±2%
	Rated Input Voltage	110/120V
	Frequency	50Hz/60Hz
	Efficiency	>95%
	Maximum Bypass Overload Current	63A
	Inverter Output	Rated Output Power
Maximum Peak Power		11000VA
Rated Output Voltage		120Vac
Carrying Capacity		4HP
Output Frequency Range		50Hz/60Hz
PV Input	MPPT Voltage Range	120-450Vdc
	Maximum Input Power	6000W
	Maximum Open Circuit Voltage	500Vdc
	Operating Voltage Range	120~500Vdc
General Parameters	Dimensions(W*H*D)	1055*630*1805mm
	Weight	900kg
	Operating Temperature	-10°C~55°C
	Humidity Range	5% ~ 95%
	Cooling Method	Intelligent air-cooled
	Communication	RS485(WiFi/GPRS)
	Output Mode	Off-grid (Default) / hybrid
	Battery Parameters	Battery Type
Energy Storage Capacity		15kWh
Voltage Range		43.2V-56.4V
Battery Number		24
Cell Voltage		2V
Rated Battery Voltage		48Vdc

## Topography:

