



Model	Inverter
AC mode	
Rated input voltage	220/230Vac
Input voltage range	(170Vac~280Vac)±2%@UPS
Frequency	50Hz/60Hz (Auto detection)
Efficiency	> 95%
Conversion time (bypass and inverter)	10ms (typical)
Maximum bypass overload current	16A
Inverter mode	
Output voltage waveform	Pure Sine Wave
Rated output power	2400VA / 2400W
Rated output voltage	230Vac
Output frequency range	50Hz±0.3Hz/60Hz±0.3Hz
Maximum Efficiency	>93%
Battery voltage range	44.0~56.8Vdc
AC charging	
Battery type	lithium battery
Maximum charge current(can be set)	50A
Charge current error	±3Adc
Charge voltage range	184Vac~253Vac
PV charging	
Maximum PV open circuit voltage	108Vdc
PV operating voltage range	10Vdc~108Vdc
MPPT voltage range	10Vdc~95Vdc
Maximum PV input power/current	800W×3 / 20A×3
PV charging current range (can be set)	0~60A(20A*3)
Hybrid charging Max charger current specifications (AC Charger + PV Charger)	
Max charger current(can be set)	0~80A
Structural shape	
Product Dimensions	550mm*360mm*156mm
Packaging Dimensions	630mm*440mm*295mm
Net Weight	12.1kg
Gross Weight	15kg (wheel-free)

Model	Battery
Case design	stackable
Battery Type	LiFePO4
Normal Battery Voltage	51.2V
Normal Capacity (25°C 0.2C)	100Ah
Normal Capacity (25°C 0.2C)	5120Wh
Operation Voltage range	40.0~58.4V
Max Continuous Charge/Discharge Current	50A / 100A
Max Pulse Discharge Current	150A 1sec
IP degree	IP65
Safety standard	UN38.3,MSDS
Communication	CAN,RS485
Structural shape	
Product Dimensions	550mm*360mm*212mm
Packaging Dimensions	630mm*440mm*265mm
Net Weight	44.4kg
Gross Weight	46.4kg

Environmental parameters	
Operating temperature	-25°C ~ 60°C
Operating humidity	0~98%(no condensation)External
Heat dissipation method	Fan
Noise (dB,@1 m)	<45dB
Protection class	IP65
Protection	Overcharge ,Overdischarge ,Overcurrent ,Shortcircuit ,Overtemperature

OCE-AONE2400

2.4kW/5.12kWh All-in-one ESS Series

BMS

Bidirectional inverter

IP65

IP65 outdoor protection

Plug-and-play all-in-one

Stackable installation

UPS

<20 ms UPS backup

App monitoring & control