



OCE-ESS-1000W

1000W/2kWh Portable All-in-one ESS

 1000 W pure sine wave

 Dual 314Ah LFP

 Fast PV/AC charging

 <20 ms UPS transfer

 Bidirectional inverter+BMS

 2 kWh home essentials

Model	OCE-ESS-1000W
AC Input	
Input Mode	Single-phase two-wire (L/N)
Output Voltage Waveform	Pure Sine Wave
Rated Voltage	230Vac
Voltage Range	90-270Vac ±5V
Frequency Range	45-65Hz
Power Factor	>0.95
AC Charging Power	1000W MAX
AC inlet	3-pin AC inlet(covered).male*1
PV Input	
Nominal Photovoltaic Voltage	38V
Voltage Range	12-55Vdc
Maximum Current	15A
Maximum Power (MPPT)	500W
Input Port	XT90E-M (with cover)*1
AC Output	
Output Mode	Single-phase two-wire
Rated Voltage	230Vac ±5V
Rated Frequency	50Hz ±0.5%
Total Harmonic Distortion (THD)	<3% line /<5% non-linear
Power Factor	≥0.99
Full Load Power	1000W
UPS Switching Time	≤20ms
Maximum Inverter Efficiency	90%
Output Port	Universal socket*2
DC Output	
Output Mode	5V
Output Current	1A
Maximum Output Power	5W Max.
Output Port	USB*1
Battery	
Rated Voltage	6.4V
Voltage Range	5.8-7.3V
Typical Capacity	314Ah*2
Capacity	2009.6Wh
Maximum Charging Current	160A
Maximum Charging Power	1000W
Protection Function	
Undervoltage/Overvoltage Protection	Yes
Short Circuit Protection	Yes
Over-temperature Protection	Yes
Display Function	
LED Indicator Light	4 SOC power indicators, 2 working status indicators
LED Power Indicator	25/50/75/100%
Environment	
Operating Temperature	-10℃~ 50℃
Storage Temperature	-15℃~60℃
Humidity	20%-95% RH without condensation
Altitude	≤3000m, >3000 m derate 1% per 100 m
Noise	<40dB (1 meter)
General Data	
Product Dimensions	240*225*355 mm
Packaging Dimensions	295*275*453 mm
Net Weight	19.0kg
Gross Weight	20.0kg