

COMMERCIAL ENERGY STORAGE SYSTEMS SPECIFICATION

Powercent-CESS-200KWh



AC Parameters (Off-Grid)

Rated Output Voltage (V)	380
Rated Output Power (kW)	100
Rated Output Frequency (Hz)	50/60
THDU	< 9% (Linear Loads)
Overload Capacity	1.1 times for long period (45 °C)

Battery

Battery Type	LiFePO4
Cell Type	LFP 3.2V/280Ah
RatedCapacity (kWh)	200
Battery System Configuration	IP225S
Working Voltage Range (V)	720~810

System Parameters

Converter Maximum Efficiency (%)	95 %
System Efficiency (%)	> 88%
Charge/Discharge Ratio	< 0.5CP

Protection

DC Input	Load Switch
Over-Voltage Protection	DC Type II/AC Type II
Fire-Control System	Aerosol/Perfluorhexone/Water Optional
Standby Consumption (W)	< 30

Normal Parameters

Size (W*D*H) mm	1500*1350*2500
Temperature Range (°C)	-35~+60
Weight (kg)	2500