

Liquid Cooled - All-In-One

CPS ES-0.8MW/3.3MWh
CPS ES-1.6MW/3.3MWh



Features

Highly Integrated

- ▶ Integrated system solution without on-site installation and commissioning
- ▶ BMS, PCS, cooling system, Integrated

High Safety

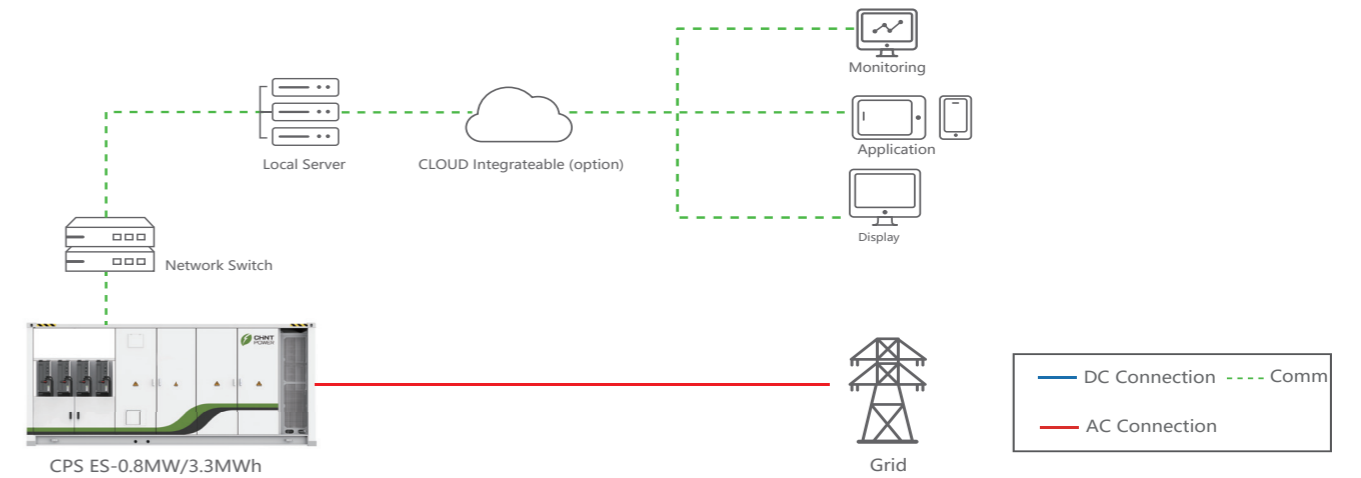
- ▶ Multiple electrical interlocks, quick fault protection
- ▶ Pack-level fire protection

High efficiency

- ▶ Efficient liquid cooling temperature control system with lower auxiliary consumption
- ▶ Compact design for optimized space efficiency
- ▶ Cooling system enabling high performance of battery lifespan

BESS Datasheet

Reference Figures



Model	CPS ES-0.8MW/3.3MWh	CPS ES-1.6MW/3.3MWh
DC Side		
Cell Capacity	LFP 314Ah	
Stack	8*1P416S	
Rated Voltage	1331.2Vdc	
Battery Voltage Range	1164.8~1497.6Vdc	
Nominal battery energy	3344kWh	
AC Side		
Rated AC Output Power	800kW	1600kW
Rated Output Frequency	50/60Hz	
Output Voltage	800V	
THDi	<3%	
DC Content	<0.5%	
Environment Parameter		
Protection grade	IP54	
Cooling type	Battery: Liquid PCS: Forced Fan	
Temperature	-20°C ~50°C (+45°C Derating Factor)	
RH	0%-95% (Non Condensing)	
Altitude	≤ 2000m	
Display & Communication		
Communication	RS485 / Ethernet / CAN	
Display	Touch Panel	
Structure Data		
Size (WxHxD) mm	6058mm*2896mm*2438mm	
Weight (T)	33T	34T
Safety Certification		
Standard	UL1741, CSA-22.2 NO.107.1-16, IEEE1547-2018, FCC Part 15, UL1973, UL9540A, UL9540, IEC61000, IEC62477, IEC62619, IEC63056	