



# Commercial ESS

## CESS-418K-S

Model	CESS-418K-S
<b>DC Side</b>	
Rated Battery Energy Storage Capacity	418kWh
System Rated Voltage	1331.2V
System Voltage Range	1164.8V~1497.6V
Battery Type	LFP(LiFePO4)
Battery String in Series Parallel Mode	1P*52S*8S
Max Charge & Discharge Current	157A
<b>Conventional Parameter</b>	
Protection Level	IP54
Relative Humidity	0°C~95°C (non-condensing)
Operating Temperature	-30°C~55°C
Cooling Mode	Liquid-cooling
Altitude	3000m (De-rating over 2000m)
BMS Communication Interface	Ethernet/RS485/CAN
Dimension (W*D*H)	1250*1350*2335mm
Weight	3400kg