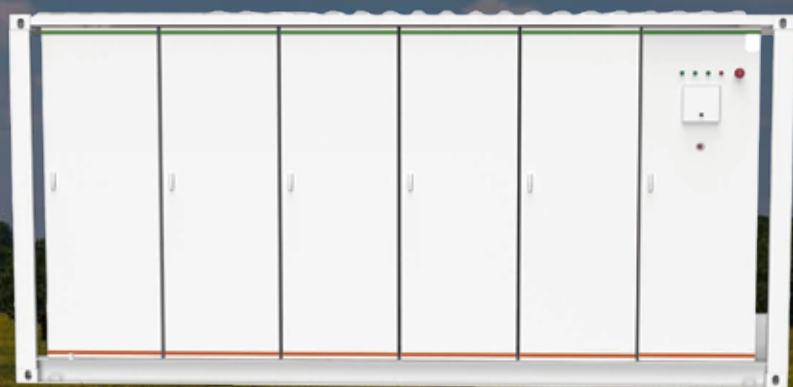


EGS2752K

Full liquid cooling container ESS

2.72MWh/1.6Mw



Full liquid cooling module, 100% pre-installed



Smart string type to prevent inter-cluster circulation



Modular standard cabinet design for easy production



Inter-cluster isolation, flexible splicing, and expansion on demand



Multiple safety design, high conversion efficiency, long life



All in one 20ft container design, AC output

Technical Parameters	EGS2752K
AC side (grid)	
AC output power	1376 KVA @ 45°C
Maximum AC current	1152 A
Rated AC voltage, voltage range	15%
Rated grid frequency/ frequency range	50Hz / 47Hz ~ 52Hz 60Hz / 57Hz ~ 62Hz
Harmonic	< 3% (at nominal power)
Power factor	-1~1
DC Side (battery)	
Rated battery voltage	1228 VDC
Cell type	LiFePO4 3.2 V / 280 Ah
Battery pack composition	1P48S / 43.008 KWh
Composition of battery system	8x1P384S
Rated system capacity	2752.512KWh
Battery voltage range	998.4 - 1382.4 VDC
Maximum charge and discharge current	140 A
Basic parameters	
Dimensions (WDH)	6058x2438x2896 mm
Degree of protection	IP54
Working temperature	-30°C~+55°C*1
Maximum output working altitude	<2000m*2
Lightning protection	DC TYPE II / AC TYPE II
Cooling method	Liquid cooling
Fire Fighting System	Perfluorohexanone/aerosol

*1 Power derating is performed when the ambient temperature is lower than -15°C or higher than +45°C.

*2. When the altitude is between 2000-3000m, perform power derating.