

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.