

EH series containerized energy storage converter

Technical Parameters



Product Features

- Pre-installed design, high integration, convenient for transportation and installation
- IP54 protection level, adapt to the harsh outdoor environment
- Front-end maintenance of the converter, convenient installation, operation and maintenance
- Grid friendly, accept power grid dispatch and perform active and reactive power compensation



Wide DC voltage



IP54 protection level



Easy to install

Model	EH-1000-A-OD	EH-1000-B-OD	EH-1260-A-OD
DC side parameters			
Maximum input voltage	1000V	1000V	1000V
Maximum DC current	2×1220A	2×1055A	2×1219A
Battery pack voltage range	460~850V	580~850V	580~850V
No. of battery packs	2	2	2
Grid side parameters			
Rated AC power	1000kW	1000kW	1260kW
Maximum AC power	1100kW	1200kW	1386kW
Rated grid voltage	315V,3W+PE	400V,3W+PE	400V,3W+PE
Grid voltage range	268~347V	340~440V	340~440V
Maximum AC current	2×1008A	2×866A	2×1000A
Rated grid frequency	50/60Hz	50/60Hz	50/60Hz
THD at rated power	<1.5%(>50%Load)	<1.5%(>50%Load)	<1.5%(>50%Load)
Power factor	>0.99 (>20%Load)	>0.99 (>20%Load)	>0.99 (>20%Load)
Power factor adjustable range	1 leading ~ 1 lagging	1 leading ~ 1 lagging	1 leading ~ 1 lagging
System characteristics			
Isolation method	transformerless		
Maximum efficiency	99.0%		
Protection level	IP54		
Working temperature	-30~+55°C		
Allowable humidity range	0~95% (No condensation)		
Altitude without derating	3000m		
Cooling method	Temperature control forced air cooling		
Communication Interface	RS485/CAN/Ethernet		
Mechanical parameters			
Dimensions (width/height/depth)	3200×2895×1100mm		
Weight	3000kg		

A Circuit block diagram

