

# EH series containerized energy storage converter



## Product Features

- Pre-installed design, convenient for transportation and installation
- Integrated converter and step-up transformer, high system efficiency and low cost
- IP54 protection level, adapt to the harsh outdoor environment
- Friendly power grid adaptability, accept power grid dispatch and perform active and reactive power compensation



Integrated design

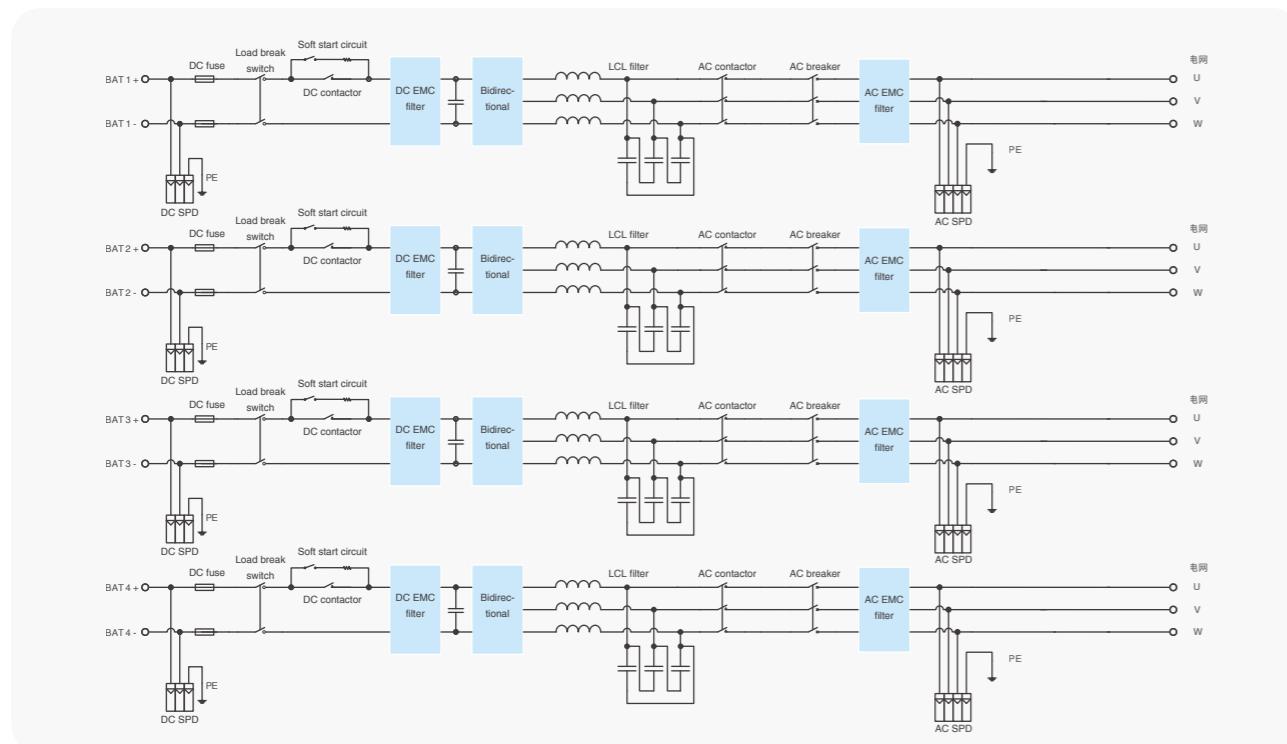


IP54



Easy to install

## -A- Circuit block diagram



## Technical Parameters

Model	EH-2000-A-OD	EH-2000-B-OD	EH-2500-A-OD
DC side parameters			
Maximum input voltage	1000V	1000V	1000V
Maximum DC current	4x1220A	4x1055A	4x1219A
Battery pack voltage range	460~850V	580~850V	580~850V
No. of battery packs	4	4	4
Grid side parameters			
Rated AC power	2000kW	2000kW	2500kW
Maximum AC power	2200kW	2400kW	2750kW
Rated grid voltage	315V,3W+PE	400V,3W+PE	400V,3W+PE
Grid voltage range	268~347V	340~440V	340~440V
Maximum AC current	4x1008A	4x866A	4x1000A
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)	2991x2896x2438mm		
Weight	6500kg		