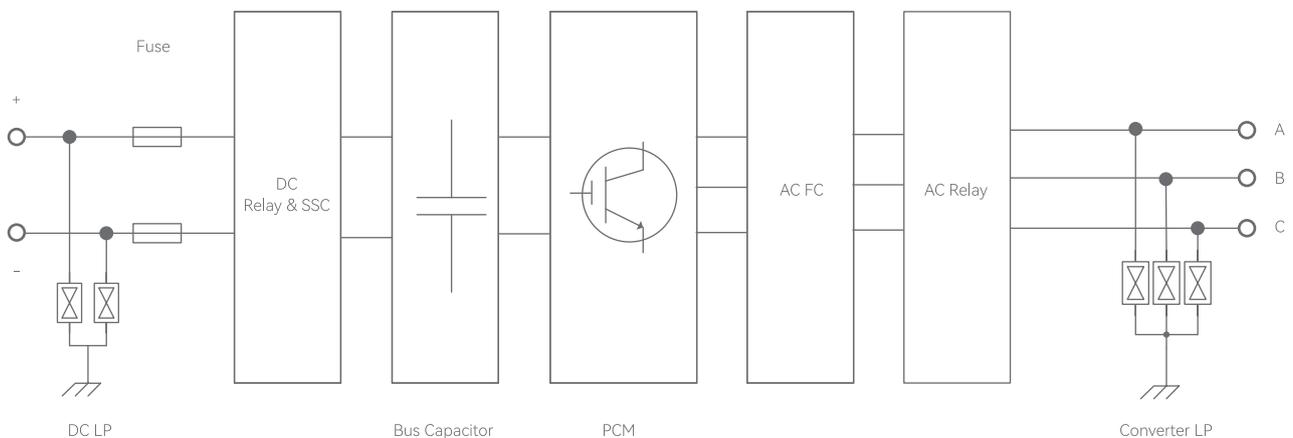


160kW/215kW Energy Storage PCS Module



- High-Efficiency Conversion**
 - Three-level design with efficiency up to 99%
 - Intelligent air cooling, no derating at 50°C
- Flexible Application**
 - Support for multi-machine parallel operation and building block-type connection, meeting diverse power requirements
 - Modular design for easier installation, operation and maintenance
- Safe and Reliable**
 - IP65 high protection grade with strong environmental adaptability
 - Multiple protection measures and built-in fault self-diagnosis function
- Grid-Friendly**
 - Capable of local independent management for peak shaving and valley filling
 - Supports multiple fault ride-through capabilities and weak grid applications, ensuring excellent grid adaptability

Topology



Product Specifications	EAMPCS160KHV	EAMPCS215KHV
DC Side		
Rated Power DC Voltage Operating Range	1000V~1500V	
Maximum DC Operating Current	180A	261A
Number of DC Input Channels	1	
AC Side (Grid-Connected)		
Rated Output Power	160kW	215kW
Maximum Output Power	176kW	236.5kW
Maximum AC Current	154A	206.9A
Rated AC Voltage	AC660V	
AC Voltage Range	561V~726V	
Rated Grid Frequency / Grid Frequency Range	50Hz/45Hz~55Hz	
AC Current Harmonics	<3% (at rated power)	
Power Factor (PF)	>0.99 (at rated power)	
Reactive Power Adjustable Range	-105%~105%	
Efficiency		
Maximum Efficiency	99%	
Protection		
DC Input Protection	Equipped	
AC Output Protection	Equipped	
Surge Protection	Equipped	
Grid Monitoring / Earth Fault Monitoring	Equipped	
Insulation Detection	Equipped	
Overheat Protection	Equipped	
General Parameters		
Dimensions (W×H×D)	650×260×800mm	650×285×1100mm
Weight	≤80kg	≤130kg
Isolation Type	Non-isolated	
Protection Grade	IP65	IP66
Operating Temperature Range	-30°C~60°C (Derating above 50°C)	
Relative Humidity Range	0%~95% (No condensation)	
Cooling Method	Intelligent Air Cooling	
Maximum Operating Altitude	4000m (Derating above 3000 m)	
Communication	RS485, CAN	
Compliant Standards	GB/T34120, GB/T34133, GB/T36547	
Grid Support	LVRT/HVRT, Active & Reactive Power Control, Power Slope Control	

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*If there are any changes to the product size and parameters, the latest information shall prevail without further notice.



Our WeChat QR code