

## 3.34MW String-Type Energy Storage PCS



### High-Efficiency Conversion

- Three-level design with efficiency up to 99%
- Intelligent air cooling, no derating at 45°C



### Safe and Reliable

- IP65 high protection rating with strong environmental adaptability
- Multiple protection measures and fault self-diagnosis capabilities



### Flexible Application

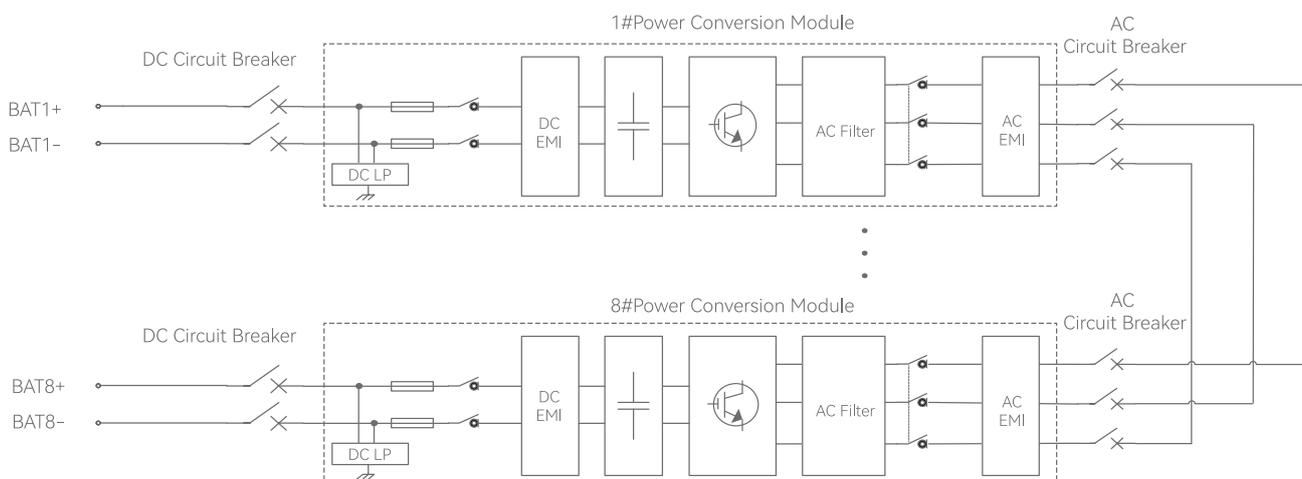
- Supports multi-unit parallel operation and building block-style connection to meet diverse power requirements
- Modular design for easier installation and maintenance



### Grid-Friendly

- Capable of independent local management for peak shaving and valley filling
- Supports multiple fault ride-through capabilities and weak grid applications, with excellent grid adaptability

## Topology



Product Specifications	EAMPCS3400KHV
<b>DC Side</b>	
Rated Power DC Voltage Operating Range	1000V~1500V
Maximum DC Operating Current	3816A
Number of DC Inputs	16
<b>AC Side (Grid-Connected)</b>	
Rated Output Power	3400kW
Maximum Output Power	3740kW
Maximum AC Current	3271.7A
Rated AC Voltage	AC660
AC Voltage Range	561V~726V
Rated Grid Frequency / Grid Frequency Range	50Hz/45Hz~55Hz
AC Current Harmonics	<3% (rated power)
Power Factor	>0.99 (rated power)
Reactive Power Adjustable Range	-105%~105%
<b>Efficiency</b>	
Maximum Efficiency	99%
<b>Protection</b>	
DC Input Protection	Equipped
AC Output Protection	Equipped
Surge Protection	Equipped
Grid Monitoring / Earth Fault Monitoring	Equipped
Insulation Detection	Equipped
Overheat Protection	Equipped
<b>General Parameters</b>	
Dimensions (W×H×D)	3730×2350×1200mm
Weight	3.5T
Isolation Type	Non-isolated
Protection Rating	IP66 (IP54 for Power Distribution Cabin)
Operating Temperature Range	-30°C~60°C (Derating above 45°C)
Relative Humidity Range	0%~95% (No condensation)
Cooling Method	Intelligent Air Cooling
Maximum Operating Altitude	4000m (>3000m derating)
Communication	RS485, CAN
Compliance Standards	GB/T34120, GB/T34133, GB/T36547
Grid Support	L/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.

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