

## Energy Storage Container PCS Booster Integrator



### Leading design

- Modular design, easy expansion and maintenance.
- Independent duct design, good heat dissipation environment.
- Three-level topology with new IGBT module, high efficiency conversion.

### Leading technology

- Supporting multiple battery input, effectively improving battery cycle life.
- High frequency switches, low current ripples and high voltage quality.
- Support parallel system can be extended to MW level.

### High value

- Built-in EMS function to reduce customer investment costs.

### Application Scenario



PV station



Wind power station

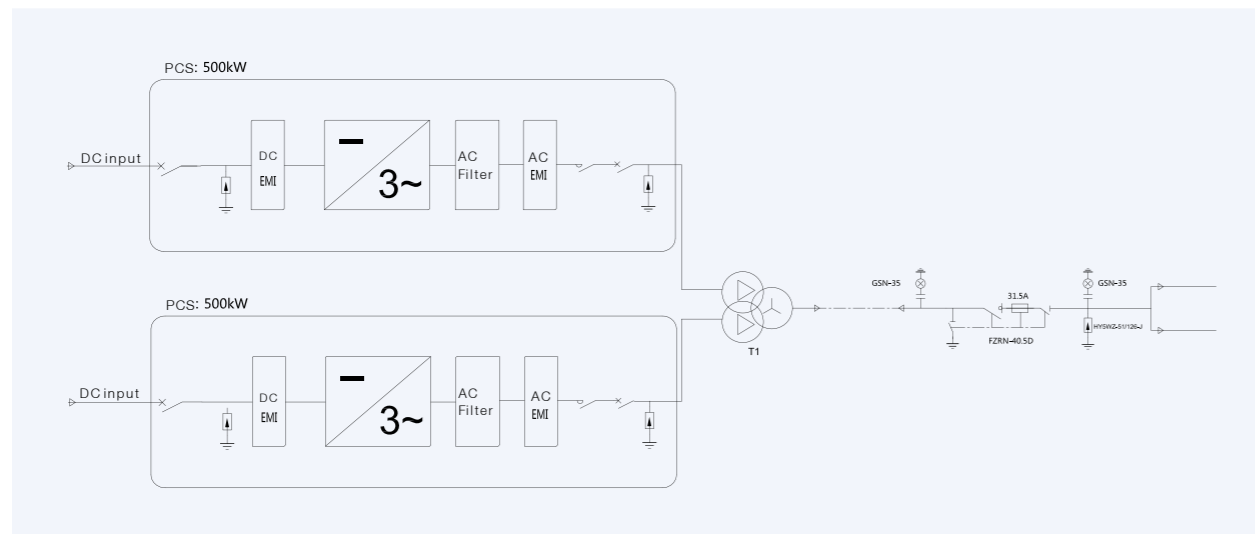


Frequency regulation



Grid side

### Product Topology



Model	MEGA1000-MV	MEGA1260-MV	MEGA2000-MV	MEGA2500-MV
<b>DC(battery)</b>				
Battery voltage range	500V-850V			
Max. current	1860A	2400A	3720A	4800A
<b>AC</b>				
Max. Apparent power	1100KVA	1386KVA	2200KVA	2750KVA
Rated power	1000KW	1260KW	2000KW	2500KW
Rated voltage	35KV			
Voltage range	38.5±2×2.5%KV(10KV, 6KV optional )			
Rated current	16.5A	20.8A	33A	41.2A
Max. output current	18.1A	22.9A	36.3A	45.4A
Rated frequency	50/60Hz			
Frequency range	45-55/55-65Hz			
THDI	<3%			
PF	1lagging-1leading			
AC connection	3W+PE			
<b>General information</b>				
Max. efficiency	98%			
Protection degree	IP54			
Noise emission	<65dB			
Operation temperature	-30°C~+55°C			
Cooling	Forced air			
Relative humidity	0-95% non-condensing			
Max. altitude	5000m(derated above 3000m)			
Dimension(WXDXH)	4300×2438×2591mm	4300×2438×2591mm	6058×2438×2591mm	6058×2438×2591mm
Weight	9000kg		12000kg	
Transformer	yes			
<b>Communication</b>				
Display	Touch screen LCD			
BMS interface	RS485/CAN			
Local communication	RS485, TCP/IP			
Certificates	CGC, TUV			