MPG-M

Energy Storage Converter

series 30~125KVA



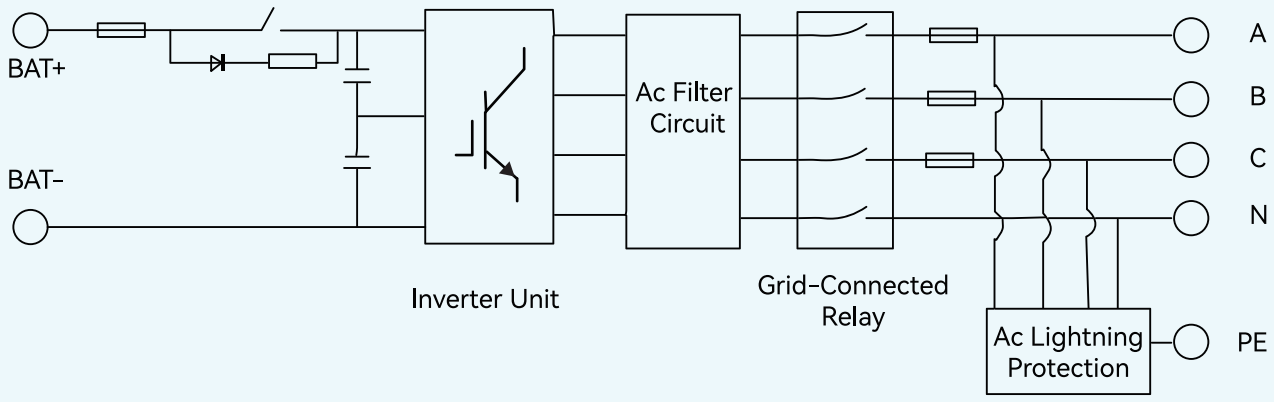
Flexible configuration
Compact size,standard cabinet width design
Support ACDC、DCDC、STS、ATS device access

Efficient and stable
No fragile parts,modular N+1 redundancy
System online rate 99%

Perfect compatibility
670~1000V Extra Wide Voltage Range Supports
lead acid/lithium/sodium ion batteries

Safe
Support linking with BMS,EMS systems
System has multiple protection

Product application diagram



Technical Specification	MPG-M series			
AC PARAMETERS				
Rated AC Power	30KW	60KW	100KW	125KW
Allowable Voltage	380/400 (±15%)VAC			
Allowable Frequency	50/60 (±2.5)Hz			
THDi	≤3%			
Power factor	0.99/-1~1			
Overload capacity	30KVA	60KVA	110KVA	137.5KVA (110%)
Wiring method	three-phase four-wire			
Isolation transformer	NO			
DC PARAMETERS(BATTERY)				
Battery voltage range	600~900VDC			680~1000VDC
Max.DC current	44A	88A	165A	202A
PROTECTION &FEATURES				
DC input switch	support			
Anti-Islanding protection	support			
Output overcurrent protection	support			
DC surge protection	Type II			
AC surge protection	Type II			
Insulation resistance testing	support			
Leakage current protection	support			
SYSTEM PARAMETER				
Maximum efficiency	98%			
Dimensions W x D x H(mm)	440*550*173			600*800*285
Net Weight(KG)	25	30	50	85
Noise	<75dB			
Protection grade	IP20			IP66
Allowable ambient temperature	-30°C ~ 60°C			-30°C ~ 60°C (Derating above 50°C)
Humidity	0 to 95% (non condensing)			
Altitude	≤3000m			
Cooling mode	Forced air cooling & liquid cooling			
COMMUNICATION PARAMETERS				
Display	LED display			
Communication interface	RS485、CAN、LAN、REPO			
Communication protocol	Modbus TCP/RTU			
BMS access	support			
EMS	support			