

# PCS-9567-2500

## 1500V series outdoor Power Conversion System



### Technical specifications



### Features

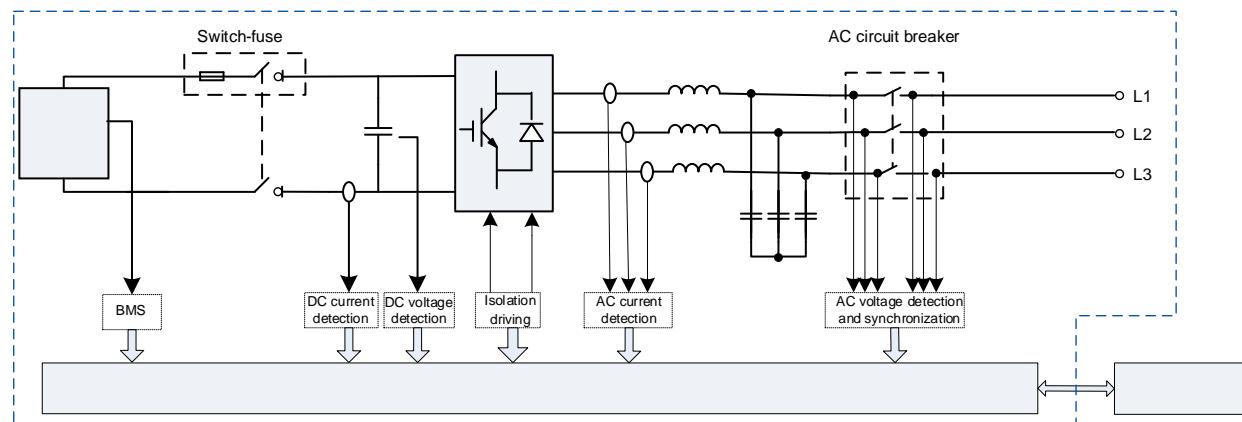
#### High efficiency and low losses

- Air-cooled heat dissipation, low system losses
- PCS three-level topology, maximum efficiency 99%
- High power quality
- Complete and reliable protection function

#### Grid friendly

- Various control modes, PQ, etc., suitable for different application scenarios
- Support IEC61850 protocol and fast communication interface, with millisecond response
- Support fault recording to facilitate fault analysis and location

### Schematic diagram



Model	PCS-9567-2500
<b>DC side</b>	
DC voltage range (V)	1050~1500
Maximum DC input current (A)	1310×2
DC voltage ripple	< 2%
DC current ripple	< 3%
<b>AC side</b>	
Nominal AC output power (kVA)	2500
Max. AC output power (kVA)	2750
Nominal grid voltage (V)	690
Grid voltage range (V)	621~759
Max. AC output current (A)	1151×2
Nominal grid frequency (Hz)	50 / 60
Grid frequency range (Hz)	45~55 / 55~65
THD	< 3%
Nominal power factor	> 0.99 (Rated Power)
Adjustable reactive power	-100%~100%
Wiring method	Three-phase three-wire system
<b>System</b>	
Weight (kg)	2000
Dimension (W×H×D) (mm)	1400*2400*1600
Cooling method	Forced air cooled
Max. operating altitude (m)	5000 (> 3000 derating)
Isolation method	Transformerless
Operating temperature range (°C)	-40~60 (>45 derating)
Relative humidity	0~100%
Protection level	IP65
Communication ports	CAN / RS-485 / RJ45 / optical fiber port
Support protocols	CAN / Modbus / IEC 61850 / IEC 60870-5-103, etc