

# PCS-9567TH

## 1000/1250/1375/1575/1750



1500 Vdc Outdoor Power Conversion System



### Higher Reliability & Resilience

- State of the art three-level converter technology with max. conversion efficiency up to 99%
- Suitable for most international standards and severe environmental conditions
- Transient Fault Record (TFR) enables fast faults location and recovery processing

### Easy Installation & Maintenance

- Fully monitored solution for online analysis and fast troubleshooting
- Convenient modular design provides easy access to all components for maintenance purposes
- Pre-assembled solution, configured & tested to reduce on-site labor and project duration

### Higher Investment Return

- Compressed construction lead-times through factory integrated solution
- Reduced off-loading, on-site labor expense and transportation cost
- Enhanced system reliability and availability owing to reliable and qualified designs

### Versatile Applications

- Typical applications - energy shifting, peak shaving, grid-forming, V/F regulation.
- Multiple communication interfaces such as CAN, RS485 and Ethernet
- IEC-61850 protocol, ms-level response time

Type		PCS-9567-1000	PCS-9567-1250	PCS-9567-1375	PCS-9567-1575	PCS-9567-1750	PCS-9567-3450
DC Side							
DC Voltage Range	(V)	600~1500	780~1500	850~1500	970~1500	1050~1500	1050~1500
Max. DC Current	(A)	1833	1833	1833	1833	1833	2×1833
AC Side							
Rated Power	(kW)	1000	1250	1375	1575	1750	3450
Max. AC Power	(kVA)	1100	1375	1513	1650	1900	3800
Rated Voltage	(V)	400	500	550	630	690	690
Grid Voltage Range	(V)	360~440	450~550	500~600	567~690	630~760	630~760
Max. AC Current	(A)	1588					3176
Max. THD of Current		< 3% (at rated power)					
Power Factor Cange		0.9(lagging)~ 0.9(leading)					
General Data							
Weight	(kg)	1600					2800
Dimensions (W×H×D)	(mm)	1200×2350×1450					2200×2370×1250
Cooling		Forced air cooling					
Max. Working Altitude	(m)	6000(> 3000 derating)					
Operation Ambient Temperature Range	(℃)	-35~60(>50 derating)					
Allowable Relative Humidity Range		0~95%, non-condensing					
Degree of Protection		IP65					
Communication		CAN / RS485 / Ethernet					
Communication Protocol		CAN / Modbus / IEC60870-103 / IEC61850					



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