

# PCS-9567TU

## 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
<b>DC Side</b>						
<b>DC Voltage Range</b>	(V)	600~1500	780~1500	850~1500	970~1500	1050~1500
<b>Max. DC Current</b>	(A)	1833	1833	1833	1833	1833
<b>AC Side</b>						
<b>Rated Power</b>	(kW)	1000	1250	1375	1575	1750
<b>Max. AC Power</b>	(kVA)	1100	1375	1513	1733	1900
<b>Rated Voltage</b>	(V)	400	500	550	630	690
<b>Grid Voltage Range</b>	(V)	360~440	450~550	500~600	567~690	630~760
<b>Max. AC Current</b>	(A)	1588				
<b>Max. THD of Current</b>		< 3% (at rated power)				
<b>Power Factor Cange</b>		0.9(lagging)~0.9(leading)				
<b>General Data</b>						
<b>Weight</b>	(kg)	1600				
<b>Dimensions (W×H×D)</b>	(mm)	1400×2400×1350				
<b>Cooling</b>		Forced air cooling				
<b>Max. Working Altitude</b>	(m)	6000(> 3000 derating)				
<b>Operation Ambient Temperature Range</b>	( C)	-35~60(>45 derating)				
<b>Allowable Relative Humidity Range</b>		0~95% , non-condensing				
<b>Degree of Protection</b>		IP65				
<b>Communication</b>		CAN / RS485 / Ethernet				
<b>Communication Protocol</b>		CAN / Modbus / IEC60870-103 / IEC61850				



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