

SE-PCS 1250 / 1725

Utility-scale PCS

1250 kW & 1725 kW

Key features

-  High efficiency & reliability
-  Universal applicability
-  Intelligent O&M
-  IP 54 protection
-  Supports grid following & grid forming operations
-  Black start capability
-  Useful for utility scale BESS



Applications

-  EV charging
-  Data center
-  Commercial building
-  Solar storage
-  Industrial peak shaving
-  Campus microgrids

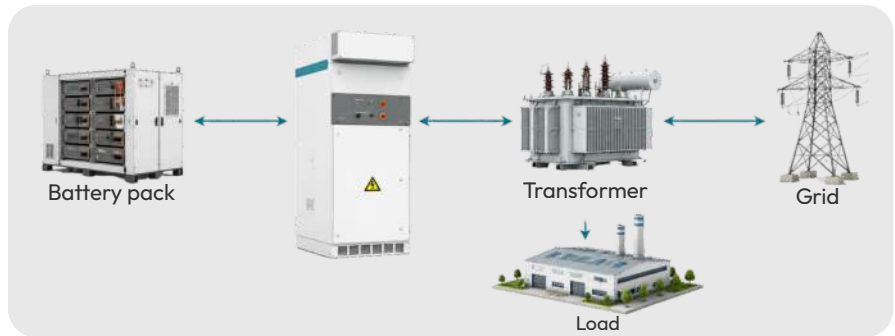
Uses

-  Standalone energy storage
-  Source, grid, load & storage integration
-  Large-scale C&I energy storage
-  Large-scale minigrids

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Technical specifications



Model	SE-PCS-1250	SE-PCS-1725
DC Parameters		
DC Operating Voltage Range [V]	1070~1500	
Max. DC Current [A]	1285	1773
AC Parameters (On-Grid)		
Rated Output Power [kW]	1250	1725
Rated Grid Voltage [V] [L-L]	690	
Allowable Grid Voltage Range	586.5~759	
Rated Grid Frequency [Hz]	50/60Hz (±5Hz)	
Max. AC Current [A]	1150	1587
Power Factor Range	-1~1	
THDi	≤3% (@ rated power)	
AC Parameters (Off-Grid)		
Rated Output Voltage [V] [L-L]	690	
Rated Output Frequency [Hz]	50	
THDv	≤1.5% (@ linear load)	
General Parameters		
Max. Efficiency	99%	
Wiring Method	3P4W	
Allowable Ambient Temperature [°C]	-20 + 50 °C	
Allowable Relative Humidity	0~95%, non-condensing	
Protection Degree (IP Rating)	IP54	
Anti-corrosion Grade	C3 (C4, C5 optional)	
Cooling Method	Intelligent Forced Air Cooling	
Dimensions (W*H*D) [mm]	675*2292*1300	750*2302*2154
Weight [kg]	≈950	≈1308
Communication Interface	RS485/CAN/LAN	
Communication Protocol	CAN2.0/MODBUS-RTU/MODBUS-TCP/IEC61850	

Specifications are accurate at the time of printing. Statcon Energiaa reserves the right to change data and parameters without notice.

