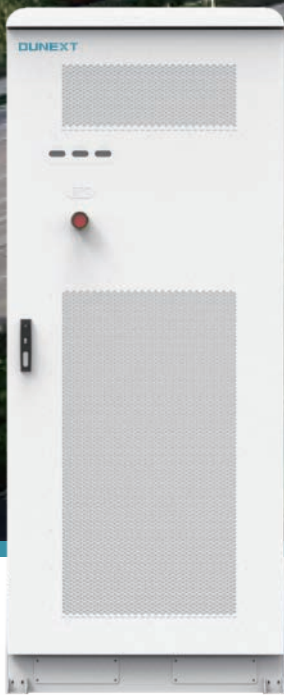


Power Control Cabinet



PCC Series

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Supports the convergence of multiple energy storage cabinets
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IP54 outdoor design
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Simple and convenient installation
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Millisecond-level automatic switch between on-grid and off-grid
- 

Built-in isolation transformer
- 

High-reliability backup design

Power Control Cabinet



Model	PCC-75	PCC-125	PCC-250	PCC-375
Electrical Parameters				
Rated Power [kVA]	75	125	250	375
Grid Connection	3P4W + PE			
Rated Grid Voltage [V]	400 AC			
Voltage Range	-15% ~ 15%			
Rated Frequency [Hz]	50 / 60			
Frequency Range [Hz]	50 / 60 (±2.5)			
Long-Term Overload Capability	110%			
Automatic Switching Time [ms]	≤20	≤20	≤50	≤50
Rated Output Current [A]	86	172	344	516
Max. Current [A]	100	200	400	600
Max. Efficiency	99%			
Protection				
Grid-Side Overvoltage	Yes			
Under Voltage	Yes			
Over Frequency	Yes			
Under Frequency	Yes			
Over Temperature	Yes			
Emergency Stop and Output Overload Protection	Yes			
General Data				
Dimension [W * D * H][mm]	850 * 900 * 2100		1100 * 900 * 2100	
Max. Weight [kg]	1000	1000	2000	2000
Isolation Transformer	Yes			
Degree of Protection	IP54			
Cooling	Fan			
Anti-Corrosion Grade	C3			
Ambient Temperature Range [°C] ^[1]	-20 ~ 50			
Relative Humidity [%]	0 ~ 95 (No condensing)			
Operating Altitude [m] ^[2]	≤ 2000			
Noise [dB]	≤ 75			
Communication Interface	1 RS485, 1 CAN			
Communication Protocol	Modbus-RTU, CAN2.0B			
Number of Grid Inputs	1			
Number of PCS Inputs	1			
Number of Load Inputs	1			

[1] The system will be derated when the ambient temperature exceeds 45°C.
[2] The system will be derated when the altitude is above 2000m.