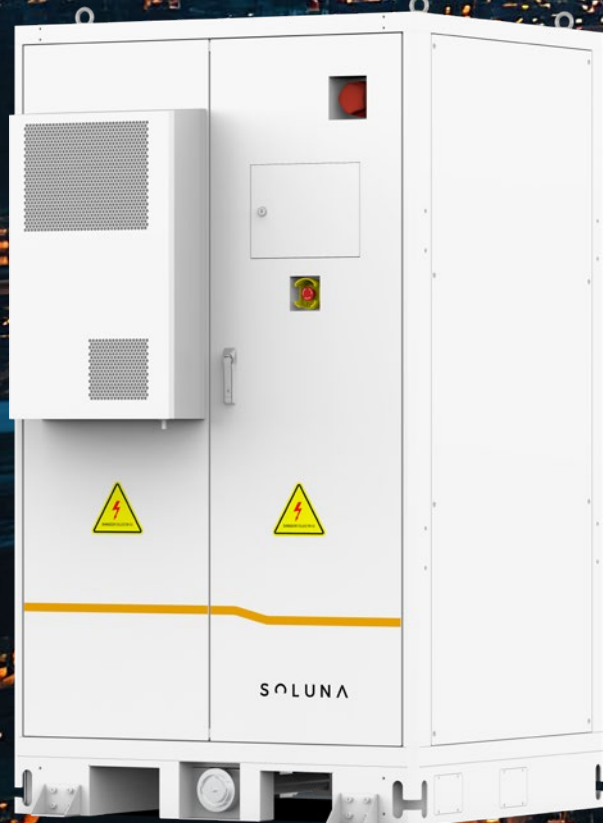


POWER CELL

C&I 107–750 kWh



Highly Integrated

- Scalable from 107 kWh to 750 kWh
- Designed for commercial and industrial applications
- Ideal 1C solution for backup, peak shaving, energy management, and PV integration

Quick Installation

- Plug-and-play system
- All components pre-assembled for delivery

Multiple Protection

- Built-in smoke and temperature sensors
- Intelligent temperature control and fire protection system
- Real-time internal battery monitoring
- Pressure-relief cabinet design for enhanced safety

Maintenance Ease

- Simplified local operation and maintenance
- Remote troubleshooting and firmware upgrades
- Cluster-level voltage control
- Real-time monitoring via app
- Open interface for EMS integration

Technical Specifications

Model	PC1214	PC1215	PC1216	PC1217	PC1218	PC1219	PC1220
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Electrical Characteristics

Rated Capacity	(kWh)	107.52	115.2	122.88	130.56	138.24	145.92	153.6
Usable Capacity	(kWh)	86.01	92.16	98.3	104.44	110.59	116.73	122.88
Battery Nominal Capacity	(Ah)	200						
Battery Type		LiFePO4						
Number of Modules		14	15	16	17	18	19	20
Rated Voltage		537.6 V	576 V	614.4 V	652.8 V	691.2 V	729.6 V	768 V
Nominal Charge/Discharge Current	(A)	100 / 100						
Max Charge/Discharge Current	(A)	100 / 200						
Recommended DoD		80%						
Cycles		≥6000 (25 °C / under standard charge and discharge conditions, charge 0.2C, discharge 0.2C)						
Number of Expandable Battery Units		5						
Inverter Compatibility		GoodWe, Growatt, Solinteg, Solis						

BMS

Monitoring Parameters	System Voltage / System Current / Cell Voltage / Cell Temperature							
Communication	CAN							

Physical Characteristics

Dimensions (W×D×H mm) Cabinet, Battery Only	1,200 × 1,050 × 2,050							
Weight	(kg)	1,380	1,450	1,520	1,590	1,660	1,730	1,800

Operating Conditions

Installation	Indoor / Outdoor							
Operating Temperature	-20 °C – 50 °C							
Operating Temperature (Recommended)	15 °C – 30 °C							
Fire Protection System	Aerosols							
Cooling Method	Internal Air Conditioning							
Warranty	5 years, extendable to 10 years							