

# PowerEco-125kW/261kWh

昆宇电源  
COSPOWERS

应用领域

微电网、产业园区、工业园区



灵活扩容, 一机多效  
匹配多种应用场景



多重  
保护系统



高集成化设计  
交直流一体



指尖监控  
云端维护

| 参数/型号  |            | PowerEco-125kW/261kWh         |
|--------|------------|-------------------------------|
| 直流侧参数  | 直流母线最高电压   | 950A                          |
|        | 直流侧最大电流    | 203A                          |
|        | 直流电压工作范围   | 650~950V                      |
| 交流并网参数 | 最大输入视在功率   | 138kVA                        |
|        | 最大输入有功功率   | 125kW                         |
|        | 额定输入电压     | 400V, 3P3W+PE/3P4W+PE         |
|        | 最大持续输入电流   | 200A                          |
| 交流离网参数 | 额定输入频率     | 50/60Hz                       |
|        | 交流离网电压     | 400V, 3P3W+PE/3P4W+PE         |
|        | 最大持续输出电流   | 200A                          |
| 电池参数   | 交流离网频率     | 50/60Hz                       |
|        | 电池类型       | 磷酸铁锂                          |
|        | 额定电量       | 261kWh                        |
|        | 标称电压       | 832V/314Ah                    |
|        | 工作电压范围     | 728~910V                      |
| 系统级参数  | 倍率         | ≤0.5C                         |
|        | 人机界面       | 7寸 LCD触摸屏                     |
|        | 消防系统       | 全氟己酮消防/气溶胶                    |
|        | 冷却方式       | 液冷                            |
|        | 工作温度       | -20~55°C                      |
|        | 防护等级       | IP54                          |
|        | 尺寸 (W*D*H) | <1700*1350*2200mm             |
| 其他参数   | 重量         | <3500Kg                       |
|        | MPPT模块     | 100kW (选配)                    |
|        | STS模块      | 200kW (选配)                    |
|        | 认证         | IEC62619、CE-EMC、CE-LVD、CE-RED |



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# PowerEco-125kW/261kWh

**COSPOWERS**

Application Field  
Microgrid, Industrial Park,  
Industrial Estate



flexible expansion, one machine  
multi-effect matching a variety  
of application scenarios



Multiple Protection  
Systems



highly integrated  
design AC and DC  
integrated



fingertip monitoring  
cloud maintenance

| Parameters/ Model                  |                         | PowerEco-125kW/261kWh            |
|------------------------------------|-------------------------|----------------------------------|
| DC side<br>parameter               | Max Voltage             | 950V                             |
|                                    | Max Current             | 203A                             |
|                                    | Voltage Range           | 650~950V                         |
| AC grid<br>connection<br>parameter | Max. Apparent Output    | 138kVA                           |
|                                    | Max. Input Active Power | 125kW                            |
|                                    | Nominal Voltage         | 400Vac, 3P3W+PE/3P4W+PE          |
|                                    | Max. Input Current      | 200A                             |
|                                    | Nominal Input Frequency | 50/60Hz                          |
| AC off-grid<br>parameter           | Nominal Voltage         | 400Vac, 3P3W+PE/3P4W+PE          |
|                                    | Max Output Current      | 200A                             |
|                                    | Nominal Frequency       | 50/60Hz                          |
| Battery<br>parameters              | Battery Chemistry       | LFP                              |
|                                    | Capacity                | 261kWh                           |
|                                    | Nominal Voltage         | 832/314Ah                        |
|                                    | Voltage Range           | 728~910V                         |
|                                    | C Rate                  | ≤0.5C                            |
| System level<br>parameters         | HMI                     | 10 Inch touch screen             |
|                                    | Fire Safety             | Perfluorohexanone/Aerosol        |
|                                    | Cooling Method          | Liquid Cooling                   |
|                                    | Operating Temp.         | -20~55°C                         |
|                                    | IP Degree               | IP54                             |
|                                    | Dimension(W*D*H)        | <1700*1350*2200mm                |
|                                    | Weight                  | <3500Kg                          |
| Others                             | MPPT                    | 100kW (Optional)                 |
|                                    | STS                     | 200kW (Optional)                 |
|                                    | Certification           | IEC62619, CE-EMC, CE-LVD, CE-RED |



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