

# PowerEco-250kW/464kWh

# PowerEco-250kW/522kWh

应用领域

商业楼宇、产业园区、大型工业园区



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-250kW/464kWh   | PowerEco-250kW/522kWh |
|--------|-----------|-------------------------|-----------------------|
| 直流侧参数  | 直流母线最高电压  | 950V                    |                       |
|        | 直流侧最大电流   | 340A                    | 406A                  |
|        | 直流电压工作范围  | 650~950V                |                       |
| 交流并网参数 | 最大输入视在功率  | 275kW                   |                       |
|        | 最大输入有功功率  | 250kW                   |                       |
|        | 额定输入电压    | 400Vac, 3P3W+PE/3P4W+PE |                       |
|        | 最大持续输入电流  | 400A                    |                       |
| 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  | 416A                    |                       |
| 电池参数   | 交流离网频率    | 50/60Hz                 |                       |
|        | 电芯容量      | 280Ah (LFP)             | 314Ah (LFP)           |
|        | 额定电量      | 464kWh                  | 522kWh                |
|        | 标称电压      | 832V                    |                       |
|        | 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) | 2400*1400*2300mm        |                       |
| 其他参数   | 重量        | <4500Kg                 | <4600Kg               |
|        | MPPT模块    | 50KW*4 (选配)             |                       |
|        | STS模块     | /                       |                       |
|        | 认证        | 认证中                     |                       |



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# PowerEco-250kW/464kWh

# PowerEco-250kW/522kWh

**Application Field**

Commercial Building, Industrial Park,  
Large Industrial Park



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-250kW/464kWh                   | PowerEco-250kW/522kWh |
|------------------------------|-------------------------|---|-----------------------|
| DC side parameter            | Max Voltage             | 950V                                    |                       |
|                              | Max Current             | 340A                                    | 406A                  |
|                              | Voltage Range           | 650~950V                                |                       |
| AC grid connection parameter | Max. Apparent Output    | 275kW                                   |                       |
|                              | Max. Input Active Power | 250kW                                   |                       |
|                              | Nominal Voltage         | 400Vac, 3P3W+PE/3P4W+PE                 |                       |
|                              | Max. Input Current      | 400A                                    |                       |
| AC off-grid parameter        | Nominal Input Frequency | 50/60Hz                                 |                       |
|                              | Nominal Voltage         | 400V, 3P3W+PE/3P4W+PE                   |                       |
|                              | Max Output Current      | 416A                                    |                       |
| Battery parameters           | Nominal Frequency       | 50/60Hz                                 |                       |
|                              | Cell Capacity           | 280Ah (LFP)                             | 314Ah (LFP)           |
|                              | Capacity                | 464kWh                                  | 522kWh                |
|                              | Nominal Voltage         | 832V                                    |                       |
|                              | Voltage Range           | 728~910V                                |                       |
| System level parameters      | C Rate                  | ≤0.5C                                   |                       |
|                              | HMI                     | 7 Inch touch screen                     |                       |
|                              | Fire Safety             | Perfluorohexane fire protection/Aerosol |                       |
|                              | Cooling Method          | Liquid Cooling                          |                       |
|                              | Operating Temp.         | -20~55°C                                |                       |
|                              | IP Degree               | IP54                                    |                       |
|                              | Dimension(W*D*H)        | 2400*1400*2300mm                        |                       |
| Others                       | Weight                  | <4500Kg                                 | <4600Kg               |
|                              | MPPT                    | 50KW*4 (Optional)                       |                       |
|                              | STS                     | /                                       |                       |
|                              | Certification           | Undergoing Certification                |                       |



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