

# PowerEco-50kW/103kWh

昆宇电源  
COSPOWERS



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-50kW/103kWh |
|---------|-----------|----------------------|
| 直流侧参数   | 直流路数      | 1路                   |
|         | 直流母线最高电压  | 1000V                |
|         | 直流侧最大电流   | 88A                  |
|         | 直流电压工作范围  | 200~900V             |
| 交流并网参数  | 最大输入视在功率  | 50kVA                |
|         | 最大输入有功功率  | 50kW                 |
|         | 额定输入电压    | 220/380V, 3P4W+PE    |
|         | 最大持续输入电流  | 86A                  |
| 交流离网参数  | 额定输入频率    | 50Hz                 |
|         | 交流离网电压    | 220/380V, 3P4W+PE    |
|         | 最大持续输出电流  | 86A                  |
| 电池参数    | 交流离网频率    | 50Hz                 |
|         | 电池类型      | 磷酸铁锂                 |
|         | 额定电量      | 103kWh               |
|         | 标称电压      | 345.6V               |
|         | 工作电压范围    | 302~378V             |
| 系统参级数   | 倍率        | ≤0.5C                |
|         | 人机界面      | 8寸 LCD触摸屏            |
|         | 消防系统      | 全氟己酮消防               |
|         | 冷却方式      | 风冷                   |
|         | 工作温度      | 0~55°C               |
|         | 防护等级      | IP54                 |
|         | 尺寸(W*D*H) | <1200*1100*1850mm    |
|         | 重量        | <1200Kg              |
| 测试报告    | CANS,CMA  |                      |



昆宇电源股份有限公司

网址: WWW.COSPOWERS.COM

地址: 山东省东营市东营区东七路28号

电话: 0546-7768891

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# PowerEco-50kW/103kWh



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-50kW/103kWh           |
|------------------------------|-----------------------------------|--------------------------------|
| DC side parameter            | DC branch                         | 1 channel                      |
|                              | DC busbar maximum voltage         | 1000V                          |
|                              | DC side maximum current           | 88A                            |
|                              | DC voltage operating range        | 200~900V                       |
| AC grid connection parameter | Maximum input apparent power      | 50kVA                          |
|                              | Maximum input active power        | 50kW                           |
|                              | Rated input voltage               | 220/380V, 3P4W+PE              |
|                              | Maximum continuous input current  | 86A                            |
| AC off-grid parameter        | Rated input frequency             | 50Hz                           |
|                              | AC off-grid voltage               | 220/380V, 3P4W+PE              |
|                              | Maximum continuous output current | 86A                            |
| Battery parameters           | AC off-grid frequency             | 50Hz                           |
|                              | Battery Type                      | LFP                            |
|                              | Rated capacity                    | 103kWh                         |
|                              | Nominal voltage                   | 345.6V                         |
| System level parameters      | Operating voltage range           | 302~378V                       |
|                              | Charge/Discharge Rate             | ≤0.5C                          |
|                              | HMI                               | 8 inch LCD touch screen        |
|                              | Fire protection system            | Perfluorhexone fire protection |
|                              | Cooling Method                    | Air cooling                    |
|                              | Operating temperature             | 0~55°C                         |
|                              | IP Class                          | IP54                           |
|                              | Size (W*D*H)                      | <1200*1100*1850mm              |
| Weight                       | <1200Kg                           |                                |
| Certificates                 | CANS,CMA                          |                                |



Cospowers Technology Co., Ltd.

W: WWW.COSPOWERS.COM

A: No.28, Dongqi Road, Dongying City, Shandong Province, P.R.C.

T: +86-546-7768891

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