

# Vertical All-in-One

IonOne Series

IO5-62



Plug&Play  
Installation, Less  
Wiring



Top-Notch LFP Class A  
Cell/Strict Capacity  
Grading



IP20-Certified,  
Suitable for More  
Indoor Applications



Modular Design,  
5kWh Flexible  
Configuration



Precise Voltage  
/Temperature/SOC  
Detection

## DATASHEET

| Model                                | IO5-62                                                          |
|--------------------------------------|-----------------------------------------------------------------|
| Battery Module Type                  | LiFePO4                                                         |
| Operating Voltage (Input)            | 90-280Vac $\pm$ 3V (APP Mode)<br>170-280Vac $\pm$ 3V (UPS Mode) |
| Operating Voltage (Output)           | 220/230/240Vac $\pm$ 5%                                         |
| Nominal Capacity                     | 6.2KW                                                           |
| Max. Continuous Discharge Power      | 6.2KW                                                           |
| MAX PV Input Power                   | 8.5KW                                                           |
| Maximum PV Input Voltage             | 500Vdc                                                          |
| Maximum PV Input Current             | 27A                                                             |
| Best PV Voltage                      | 360~430Vdc                                                      |
| Nominal Energy                       | 5KWh                                                            |
| Usable Energy                        | 5KWh                                                            |
| Dimensions [W/D/H] (mm)              | 530*180*970mm                                                   |
| Weight [kg]                          | 75kg                                                            |
| Operating Voltage                    | 43.2-58.4V                                                      |
| Recommended Depth of Discharge (DOD) | 90%                                                             |
| Charging Temperature Range           | 0-60℃                                                           |
| Discharging Temperature Range        | 0-65℃                                                           |
| Communication                        | RS485/CAN                                                       |
| Cycle life                           | 2500 circulate                                                  |
| Protection Level                     | IP20                                                            |
| Battery Expansion                    | 16                                                              |
| Certification                        | MSDS/UN38.3                                                     |

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