

## HYXI Halo 5 Pulg-in AC-Coupled Micro ESS

HYX-MS5000AC

**Version 1.8-2607**

Design and specifications are subject to change without notice.



### Advanced Performance

- 5024Wh | 10,000 Cycles | 10-Year Warranty
- 2500W Bidirectional Inverter Integrated
- 3000W Max Off-Grid, Portable Ready
- Operates at -20°C with Self-Heating



### Intelligent Design

- Plug & Play, Install in 5 Minutes
- AI Optimization
- All-in-One System for Effortless Use
- RGB Smart Lighting



### Assured Safety

- 5-Level Safety Protection with Aerosol
- Automotive-Grade A+ Cells
- IP66 Protection



### Flexible Adaptability

- Multi-Scenario Use
- Smart Meter Optimization
- Works with Any Solar System

## Technical Specifications

HYX-MS5000AC

| Product Model                        | HYX-MS5000AC                                                       |
|--------------------------------------|--------------------------------------------------------------------|
| <b>AC Output (On-Grid Terminal)</b>  |                                                                    |
| Max. AC Output Apparent Power        | 2500VA                                                             |
| Nominal Output Apparent Power        | 800W (Default)/2500W (*Premium)                                    |
| Rated AC Output Voltage / Range      | 220 or 230 or 240/183 ~ 276Va.c.                                   |
| Nominal AC Frequency / Range         | 50/45 ~ 55 or 60/55 ~ 65 Hz                                        |
| Max. AC Output Current               | 10.42/10.87/11.37Aa.c.                                             |
| Rated AC Output Current              | 3.64/3.48/3.34Aa.c. (Default)<br>10.42/10.87/11.37Aa.c. (*Premium) |
| Power Factor Range                   | >0.99 (Default)/0.8 Leading~0.8 Lagging (Adjustable)               |
| THDi (Rated Power)                   | <3%                                                                |
| <b>AC Input (On-Grid Terminal)</b>   |                                                                    |
| Max. AC Input Apparent Power         | 2500VA                                                             |
| Rated AC Input Voltage / Range       | 220 or 230 or 240/183 ~ 276Va.c.                                   |
| Nominal AC Frequency / Range         | 50/45 ~ 55 or 60/55 ~ 65Hz                                         |
| Power Factor Range                   | >0.99 (Default)/0.8 Leading~0.8 Lagging(Adjustable)                |
| THDi (Rated Power)                   | <3%                                                                |
| <b>AC Output (Off-Grid Terminal)</b> |                                                                    |
| Max. AC Output Power                 | 3000VA, 10s                                                        |
| Rated Output Power                   | 2500W                                                              |
| Rated Output Current                 | 10.42/10.87/11.37Aa.c.                                             |
| Rated AC Output Voltage / Frequency  | 220/230/240V, 50/60HZ                                              |
| THDi (Linear Load)                   | <3%                                                                |

Technical Specifications

HYX-MS5000AC

| Product Model                       | HYX-MS5000AC                                                                             |
|-------------------------------------|------------------------------------------------------------------------------------------|
| Battery Data                        |                                                                                          |
| Battery Chemistry                   | LiFePO4                                                                                  |
| Battery Nominal Voltage             | 16V                                                                                      |
| Battery Nominal Energy              | 5024Wh                                                                                   |
| Max. Charging Power                 | 2500VA                                                                                   |
| Max. Discharging Power              | 2500VA                                                                                   |
| Battery Cycle Life                  | ≥10000 (@25°C±2°C, 60%EOL)*                                                              |
| Other Technical Specification       |                                                                                          |
| Display                             | LED & APP                                                                                |
| Ingress Protection Rating           | IP66                                                                                     |
| Operating Ambient Temperature Range | -20 to +55°C*                                                                            |
| Humidity                            | 5% ~ 95% (No Condensing)                                                                 |
| Altitude                            | 3000m                                                                                    |
| Dimensions (W × H × D)              | 460 × 279 × 279mm                                                                        |
| Weight                              | 42kg                                                                                     |
| Cooling Concept                     | Natural                                                                                  |
| Communication                       | WiFi & Bluetooth                                                                         |
| Standard                            |                                                                                          |
| Safety                              | IEC62109-1/-2                                                                            |
| EMC                                 | IEC62619, UN38.3, IEC/EN 61000-6-1, IEC/EN 61000-6-2, IEC/EN 61000-6-3, IEC/EN 61000-6-4 |
| Grid Connection Standard            | VDE4105, IEC61727/62116, CEI 0 21, EN50549-1, G98, C10-11, UNE217002                     |

\*Premium: Enabling this function must comply with local regulations and should only be performed by authorized personnel!

\*Support -20°C startup and automatically self-heat the device for a certain time to the charge temperature range.