

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

HYX-MS3000AC

HYX-MS3000B

Version 1.5-2604

Design and specifications are subject to change without notice



### Advanced Performance

- 3014Wh | 10,000 Cycles | 10-Year Warranty
- 3000W Bidirectional Inverter Integrated
- 3000W Off-Grid, Portable Ready
- Operates at -20°C with Self-Heating



### Intelligent Design

- Plug & Play, Install in 5 Minutes
- AI Cloud Maximizes Energy Savings with Smart 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

- Stackable, up to 18.086kW
- Multi-Scenario Use
- Smart Meter Optimization
- Operates at -20°C with Self-Heating

## Technical Specifications

HYX-MS3000AC

Product Model	HYX-MS3000AC
<b>AC Output (On-Grid Terminal)</b>	
Nominal Output Apparent Power	800W (Default) / 1500W (*Premium)
Max. AC Output Apparent Power	1500VA (Without Extension Battery Pack) 3000VA (With Extension Battery Pack)
Rated AC Output Voltage / Range	220 or 230 or 240 / 183 - 276V
Nominal AC Frequency / Range	50 / 45-55 or 60 / 55-65Hz
Rated AC Output Current	3.64 / 3.48 / 3.34A (Default) 6.82 / 6.53 / 6.25A (*Premium)
Max. AC Output Current	6.82 / 6.53 / 6.25A (Without Extension Battery Pack) 13.64 / 13.05 / 12.50A (With Extension Battery Pack)
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	1500VA(Without Extension Battery Pack) 3000VA(With Extension Battery Pack)
Rated AC Input Voltage / Range	220 or 230 or 240 / 183 - 276V
Nominal AC Frequency / Range	50 / 45-55 or 60 / 55-65Hz
Rated AC input Current	6.82 / 6.53 / 6.25A (Without Extension Battery Pack) 13.64 / 13.05 / 12.50A (With Extension Battery Pack)

## Technical Specifications

### HYX-MS3000AC

Product Mode	HYX-MS3000AC
Power Factor Range	>0.99(Default) / 0.8 Leading~0.8 Lagging(Adjustable)
THDi (Rated Power)	<3%
<b>AC Output (Off-Grid Terminal)</b>	
Rated Output Power	1500VA(Without Extension Battery Pack) 3000VA(With Extension Battery Pack)
Rated Output Current	6.82 / 6.53 / 6.25A (Without Extension Battery Pack) 13.64 / 13.05 / 12.50A (With Extension Battery Pack)
Rated AC Output Voltage / Frequency	220 / 230 / 240, 50 / 60Hz
THDu(Linear Load)	<3%
<b>Battery Data</b>	
Battery Chemistry	LiFePO4
Battery Nominal Voltage	9.6V
Battery Nominal Energy	3014.4Wh
Max. Charging Power	1500W(Without Extension Battery Pack) 3000W(With Extension Battery Pack)
Max. Discharging Power	1500W(Without Extension Battery Pack) 3000W(With Extension Battery Pack)
Battery Cycle Life	≥10000 (@25°C±2°C, 60%EOL)*
<b>Other Technical Specification</b>	
Display	LED & App
Ingress Protection Rating	IP66
Operating Ambient Temperature Range	-20 to +55°C*
Humidity	5% ~ 95% (No Condensing)
Altitude	3000m
Dimension (W*H*D)	460 × 279 × 281mm
Weight	28kg
Cooling Concept	Natural Cooling
Communication	Wi-Fi & Bluetooth
<b>Standard</b>	
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, VDE0126, AS4777.2, CEI 0 21, EN50549-1, G98, G99, 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.

## Technical Specifications

HYX-MS3000B

Product Mode	HYX-MS3000B
<b>Battery Data</b>	
Battery Chemistry	LiFePO4
Battery Nominal Voltage	9.6V
Battery Nominal Energy	3014.4Wh
Max. Charging / Discharging Power	1500 / 1500W
Battery Operating Voltage	6 ~ 10.95V
Battery Cycle Life	≥10,000 (@25°C±2°C, 60%EOL)
Parallel Capability (pcs)	5
<b>Other Technical Specification</b>	
Communication Interface	CAN
Dimension (W*D*H)	460*274*296.5mm
Weight	26kg
Operating Temperature Range	-20 to +55°C
Max. Operating Altitude	3000m
Relative Humidity	5% ~ 95% (No Condensing)
Certification	UN38.3, IEC62619, CE
Installation Style	Floor-Mounted