HYXI Halo Plug-in AC-Coupled Micro ESS

HYX-MS3000AC/HYX-MS3000AC-BP-1/HYX-MS3000AC-BP-2/
HYX-MS3000AC-BP-3/HYX-MS3000AC-BP-4/
HYX-MS3000AC-BP-5/HYX-MS3000B

Version 1.7-2610
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/HYX-MS3000AC-BP Series

Product Model	HYX-MS3000AC	HYX-MS3000AC-BP Series
AC Output (On-Grid Terminal)		
Nominal Output Apparent Power	800W (Default) / 1500W (*Premium)	
Max. AC Output Apparent Power	1500VA	3000VA
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	13.64 / 13.05 / 12.50A
Power Factor Range	>0.99(Default) / 0.8 Leading~0.8 Lagging (Adjustable)	
THDi (Rated Power)	<3%	
AC Input (On-Grid Terminal)		
Max. AC Input Apparent Power	1500VA	3000VA
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	13.64 / 13.05 / 12.50A

Technical Specifications

HYX-MS3000AC/HYX-MS3000AC-BP Series

Product Mode	HYX-MS3000AC	HYX-MS3000AC-BP Series
Power Factor Range	>0.99(Default) / 0.8 Leading~0.8 Lagging(Adjustable)	
THDi (Rated Power)	<3%	
AC Output (Off-Grid Terminal)		
Rated Output Power	1500W	3000W
Rated Output Current	6.82 / 6.53 / 6.25A	13.64 / 13.05 / 12.50A
Rated AC Output Voltage / Frequency	220 / 230 / 240, 50 / 60Hz	
THDu(Linear Load)	<3%	
Battery Data		
Battery Chemistry	LiFePO4	
Battery Nominal Voltage	9.6V	
Battery Nominal Energy	3014.4Wh	
Max. Charging Power	1500VA	3000VA
Max. Discharging Power	1500VA	3000VA
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	
Dimension (W*D*H)	460 × 281 × 279mm	MS3000AC-BP-1: 460 × 281 × 549mm MS3000AC-BP-2: 460 × 281 × 819mm MS3000AC-BP-3: 460 × 281 × 1089mm MS3000AC-BP-4: 460 × 281 × 1359mm MS3000AC-BP-5: 460 × 281 × 1629mm
Weight	28kg	MS3000AC-BP-1: 54kg MS3000AC-BP-2: 80kg MS3000AC-BP-3: 106kg MS3000AC-BP-4: 132kg MS3000AC-BP-5: 158kg
Cooling Concept	Natural Cooling	
Communication	Wi-Fi & 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, VDE0126, AS4777.2, 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.

Technical Specifications

HYX-MS3000B

Product Mode	HYX-MS3000B
Battery Data	
Battery Chemistry	LiFePO4
Battery Nominal Voltage	9.6V
Battery Nominal Energy	3014.4Wh
Max. Charging / Discharging Power	1500 / 1500VA
Battery Operating Voltage	6 ~ 10.95V
Battery Cycle Life	⩾10,000 (@25°C±2°C, 60%EOL)
Parallel Capability (pcs)	5
Other Technical Specification	
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