



HYXI Halo

HYX-MS3000AC

Plug and Play Battery

3kWh Capacity 10,000 Cycles Stores more, powers more, and delivers unlimited battery cycles	10 Years Warranty 15 Years Lifespan Decades of dependable power	VPP-Powered Energy Gains Maximize earnings as a grid partners	AI Optimized Power Usage Dynamic Electricity Tariffs-charge at lowest rate
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Technical Specifications

HYX-MS3000AC

Product Model	HYX-MS3000AC
AC Output (on-grid terminal)	
Rated AC Output Power [W]	800(Default)/1500(*Premium)
Max. AC Output Apparent Power [VA]	1500(Without Battery Pack) 3000(With Battery Pack)
Rated AC Output Voltage/Range[V]	220 or 230 or 240 / 183 - 276
Nominal AC Frequency/Range [Hz]	50/45-55 or 60/55-65
Rated AC Output Current [A]	3.64/3.48/3.34 (Default) 6.82/6.53/6.25 (*Premium)
Max. AC Output Current [A]	6.82/6.53/6.25 (Without Battery Pack) 13.64/13.05/12.50 (With Battery Pack)
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 [VA]	1500(Without Battery Pack) 3000(With Battery Pack)
Max. AC Input Current [A]	6.82/6.53/6.25 (Without Battery Pack) 13.64/13.05/12.50 (With Battery Pack)
Rated AC Input Voltage/Range[V]	220 or 230 or 240 / 183 - 276
Nominal AC Frequency/Range [Hz]	50/45-55 or 60/55-65
Power Factor Range	>0.99(Default)/0.8 Leading-0.8 Lagging(Adjustable)
THDi (Rated Power) [%]	<3%
AC Output (off-grid terminal)	
Max. AC Output Apparent Power [VA]	1500(Without Battery Pack) 3000(With Battery Pack)
Max. AC Output Current [A]	6.82/6.53/6.25 (Without Battery Pack) 13.64/13.05/12.50 (With Battery Pack)
AC Nominal Output Voltage/Frequency [V] / [HZ]	220 / 230 / 240, 50/60
THDu(Linear Load)	<3%
Battery Data	
Battery Chemistry	LiFePO4
Battery Nominal Voltage [V]	9.6
Battery Nominal Energy [Wh]	3014
Max. Charging/Discharging Power [W]	1500(Without Battery Pack) 3000 (With Battery Pack)
Battery Cycle Life	≥10000 (@25°C±2°C, 60%EOL)
Other Technical Specification	
Display	LED & APP
Ingress Protection Rating	IP66
Operating Ambient Temperature Range [°C]	-20~55*
Humidity [%]	5% ~ 95% (No Condensing)
Altitude [m]	3000
Dimension(W x D x H) [mm]	460 x 281 x 279
Weight [kg]	28
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.