





Three-phase Hybrid Inverter Datasheet

HYT-5.0HV-EUG1 HYT-6.0HV-EUG1 HYT-8.0HV-EUG1 HYT-10.0HV-EUG1 HYT-12.0HV-EUG1

Description

The HYT-HV Series is a high-performance three-phase hybrid nverter with excellent reliability, including power classes ranging from 5 kW to 12 kW.

The intelligent EMS function supports self-consumption mode, economic mode, and backup mode for multi-scenario applications.

Monitoring management through S-Miles Cloud allows users to remotely diagnose and track the individual system's performance over time, offering superior energy production.

Features



Ultralight for easy installation and space-saving

Support both DC-coupled and AC-coupled system

Remote monitoring through S-Miles Cloud

EMS has integrated with self-consumption, economic mode and backup mode offering multi-scenario

Technical Specifications

Model	HYT-5.0HV-EUG1	HYT-6.0HV-EUG1	HYT-8.0HV-EUG1	HYT-10.0HV-EUG1	HYT-12.0HV-EUG		
Battery							
Battery Type	Li-ion						
PV Input							
Max. PV Input Power (W)	7500	9000	12000	15000	15000		
AC Input and Output (On-grid)							
Nominal Output Apparent Power (VA)	5000	6000	8000	10000	12000		
AC Output (Off-grid)							
Max. Output Apparent Power (VA)	5000	6000	8000	10000	12000		
Total Harmonic Distortion (@linear load)							

Technical Specifications

Model	HYT-5.0HV-EUG1	HYT-6.0HV-EUG1	HYT-8.0HV-EUG1	HYT-10.0HV-EUG1	HYT-12.0HV-EUG1				
Efficiency									
Max. Efficiency	97.6%	97.6%	97.6%	97.6%	97.6%				
Protection									
Anti-islanding Protection		Integrated							
General									
Dimension (W × H × D) [mm]		502 × 486 × 202							
Isolation Method (Solar/Battery)	Transformerless / Transformerless								
Certifications and Standards									
Grid Regulation	EN 50549, VDE-AR-N 4105, AS/NZS 4777.2								