Micro Inverter 0.6-1KS

Models:
AM-0.6KS-G1
AM-0.8KS-G1
AM-1KS-G1

User-friendly

- One microinverter connects to two modules
- Max output power reaching 799/960VA
- Two input channels with independent MPPT

High-value Quality

- High Input current to adapter to large modules
- Dedicated for balcony and DIY systems

Intelligent Management

- Maximum reliability, IP67
- Built in Wi-Fi and Bluetooth
- Safety protection relay integrated

Technical Datasheet

	AM-0.6KS-G1	AM-0.8KS-G1	AM-1KS-G1
DC Input Data			
Recommended PV Module Power (STC) Range	300Wp-730Wp+		410Wp-760Wp+
Peak Power Tracking Voltage	28V-45V		
Operating Voltage Range	16V-60V		
Maximum Input Voltage	60V		
Maximum Input Current	20A x 2		
Isc PV	25A x 2		
AC Output Data			
Maximum Continuous Output Power	600VA	800VA	960VA
Nominal Output Voltage/Range(1)	230V/184V-253V		
Nominal Output Current	2.6A	3.5A	4.2A
Nominal Output Frequency/ Range(1)	50Hz/48Hz-51Hz		
Default Power Factor	0.99		
Efficiency			
Peak Efficiency	97.3%		
Nominal MPPT Efficiency	99.5%		
Night Power Consumption	20mW		
Mechanical Data			
Operating Ambient Temperature Range(2)	- 40 °C to + 65 °C		
Storage Temperature Range	- 40 °C to + 85 °C		
Dimensions (W x H x D)	263mm x 218mm x 36.5mm		263mm x 218mm x 37mm
Weight	2.8kg		3kg
DC Connector Type	Stäubli MC4 PV-ADBP4-S2&ADSP4-S2		
Cooling	Natural Convection - No Fans		
Enclosure Environmental Rating	IP67		
Power Cord (Optional)			
Wire Size	$1.5mm^2$		
Cable Length	5M as default		
Plug Type	Schuko		
Features			
Communication	Built-in Wi-Fi and Bluetooth		
Maximum units connected(4)	2		
Isolation Design	High Frequency Transformers, Galvanically Isolated		
Energy Management	AP EasyPower APP		
Warranty	12 Years Standard		
Compliances			
Safety, EMC & Grid Compliances	EN 62109-1/-2; EN 61000-1/-2/-3/-4; EN 50549-1; DIN V VDE V 0126-1-1; VFR; UTE C15-712-1; CEI 0-21; UNE 217002; NTS; RD647; VDE-AR-N 4105		

(1) Nominal voltage/frequency range can be extended beyond nominal if required by the utility.
(2) The inverter may enter to power de-grade mode under poor ventilation and heat dissipation installation environment.
(3)The factory setting could be 600VA as default and raise to 800VA after intallation according to the regulation adjustment.
(4)For some countries it is limited to 1 because of the regulations.