

YelonESS

Micro inverter

Tech Specs



- IP67/NEMA 6 protection rating
- 2 MPPTs; maximum output power can reach 1000W
- Easy installation, plug-and-play
- Support WiFi or Sub-1G communication
- Built-in protection relay
- Support high-power PV panels
- Fast shutdown of individual panel to ensure safety
- Low starting voltage; wide MPPT voltage range
- Peak efficiency 97%
- PV maximum input current can reach 16A



TECH SPECS	MV600-2S	MV800-2S	MV1000-2S
PV Input			
Recommended PV Module Power (STC) Range	240~410Wp	330~550Wp	390~680Wp
Max. input voltage	60V		
MPPT Voltage Range	16~60V		
Start-up Voltage	21V		
Max. input current	13A×2	15A×2	16A×2
Max.short circuit PV	25A×2	25A×2	25A×2
Number of MPPTs	2		
Number of inputs per MPPT	1		
AC Output			
Rated output power	600VA	800VA	1000VA
Rated output current	2.6A	3.5A	4.5A
Nominal output voltage/range	230/180-275V		
Nominal frequency	50/60Hz		
Power Factor	>0.99(0.8 leading-0.8 lagging)		
THDi	<3%		
Efficiency			
Peak efficiency	97%	97%	97%
Nominal MPPT efficiency	99.8%	99.8%	99.8%
General information			
Dimensions(W*H*D)	195×230×40mm		
Weight	3.3kg		
Self consumption(night)	<50mW		
Operating temperature range	-40~65°C(>45°C derating)		
Enclosure rating	Outdoor-IP67 (NEMA 6)		
Cooling Method	Natural Convection		
Communication	WiFi/BLE or Sub-1G		
Monitoring	YelonESS Cloud		