

YelonESS Micro inverter

Tech Specs



PARAMETERS	A	B	C
INPUT DATA(DC)			
Recommended PV Module Power (STC) Range	240~410Wp	330~550Wp	390~680Wp
Max. input voltage	65V		
MPPT Voltage Range	16~60V		
Start-up Voltage	22V		
Max. input current	13A×2	15A×2	17A×2
Max.short circuit PV	25A×2	25A×2	25A×2
Number of MPPTs	2		
Number of inputs per MPPT	1		
OUTPUT DATA (AC)			
Rated output power	600VA	800VA	1000VA
Rated output current	2.6A	3.5A	4.5A
Nominal output voltage/range	230/180-275V		
Nominal frequency voltage/range	50/45-55Hz		
Power Factor at Rated power/Adjustable power factor	>0.99(0.8 leading-0.8 lagging)		
THDi	<3%		
EFFICIENCY			
CEC peak efficiency	96.8%	96.8%	96.6%
Nominal MPPT efficiency	99.8%	99.8%	99.8%
GENERAL DATA			
Dimensions(W*H*D)	283*222*31mm		
Weight	3.1kg		
Topology	Transformerless		
Self consumption(night)	<50mW		
Operating temperature range	-40~65°C		
Enclosure rating	Outdoor-IP67 (NEMA 6)		
Cooling Method	Natural Convection		
Communication	WiFi/Zigbee		
Monitoring	YelonESS Cloud		