

MICRO INVERTER KVM-800 / 1000

KVM-800/1000



Can Be Connected To Large Solar Systems

The Power Conversion Rate Is 96%

Warranty 5 Years

The Service Life Is Up To 25 Years

Datasheet

Model	KVM-800	KVM-1000
INPUT PARAMETERS (DC)		
Recommended Solar Panel Input Power	275-530W × 2	275-530W × 2
Number Of DC Input Connections	MC4 ×2	
Maximum Input Voltage (V)	60V	
DC Voltage Input Range (V)	16-60V	
Starting Voltage (V)	22V	
Maximum Power Point Tracking Voltage Range (V)	22-55V	
MPPT Tracking Accuracy	>99.5%	
Maximum Input DC Current	14A*2	16A*2
OUTPUT PARAMETERS (AC)		
Maximum Output Power (W)	800W	1000W
Rated Output Voltage (V)	230V	
AC Voltage Range (V)	190-270V	
Maximum Output Current (A)	3.47A	4.34A
Rated Output Frequency (Hz)	50Hz/60Hz	
Output Frequency Range (Hz)	47.5-50.5Hz / 58.9-61.9Hz	
Harmonic Distortion	<5%	
Output Power Factor	>0.99	
Maximum Conversion Efficiency	96%	
Protection Level	Class I	
Protective Function	8 Protections	
Operating Temperature Range	-40°C to +85°C	
Indicator Light	Working status light + WiFi signal light	
Communication Mode	Wi-Fi / 2.4G	
Cooling Method	Natural cooling (no fan)	
Working Environment	Indoor / Outdoor	
Weight (kg)	2.52kg	
Sizes (L*W*H)	227mm × 195.5mm × 42mm	

* If the ambient temperature is too high or too low, performance will be limited.
* Under specific test conditions.