

MICRO-POWERGRID 1200 – MPG 1200



Photovoltaic Module



Micro Inverter



DC Switch Disconnecter



Fuse



DC SPD



Mid Clamp



End Clamp



Structure & Rail



DC Cable



AC Cable

- 12 modules of 100 Watt peak power rating. Professional premium solar modules with superior performance. Applying industry-leading product quality and reliability for residential and commercial rooftops. Over 21% efficiency with 25 years output warranty.
- One grid-tied power processing unit. High performance inverting system, 1200W Micro Inverter, highly unique in its ability to control the performance of the PV panels. Over 96.5% efficiency with 10 years output warranty. Tested and approved certifications with IP67.
- One complete set of solar mounting structures that are highly corrosion resistant with 16 end side clamps, 16 mid clamps, 8 set of 2 meter rails.
- DC PV cables from the photovoltaic modules to inverting system 20 meters length.
- AC wiring from the inverters: 20 meters length.
- 2 sets of combiner box inclusive of 2 sets 15A fuse, 2 sets 32A DC protection switch disconnecter, 2 sets of DC surge protection device.

*Subjected to manufacturer's changes in design and specification.

1200Wp	96.5%	5 Years	25 Years
Solar Power Capacity	Performance Efficiency	Product Warranty	Photovoltaic Modules Output Warranty



Industry leading conversion efficiency



Positive tolerance and high-performance



Certificated to withstand wind load (2400Pa) and weight load (7200Pa)



Passed salt mist corrosion testing and ammonia corrosion testing



Excellent performance under weak sunlight conditions



Good temperature coefficient performance enables better output in the tropical region

UTICA® is a leading Singapore based renewable energy company of small to large-scale power systems, delivering unmatched quality to commercial and residential customers.

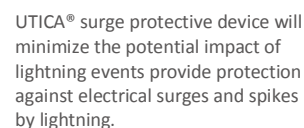
As a BizSAFE Star, ISO certified, BCA registered professional solar energy systems provider, we bring together cutting-edge innovation and dedicated customer service.

Our mission is to be a part of the environmental solution while maintaining the highest quality standards of customer service and satisfaction.

UTICA® offers customers more than just one more choice in electricity source. We offer our customers the opportunity to make a difference for the environment by supporting cleaner, renewable sources of energy instead of limited and polluting fossil fuels.



AC Cable		DC Cable	
Cross section (mm ²)	1 x 4	Cross section (mm ²)	1 x 4
Diameter (mm ²)	5.3	Conductor construction (n x mm)	52 x 0.30
Open Air (A)	55	Conductor (mm)	2.55
Inst. on surface (A)	52	Outer (mm)	5.05
Inst adjoining to surface (A)	44	Resistance	5.09
Voltage drop (V/A km)	14.3	Fire load (kWh/m)	0.086
Weight (Kg/km)	57	Weight (kg/km)	56



Item	Dimensions(LxWxH) mm
Photovoltaic Modules	780 x 680 x 410
Power Processing unit	280 x 310 x 50
Structure & Accessories	2000 x 170 x 85
Others	300 x 200 x 200

Temperature range	-40°Cto+85°C
Hail	maximum diameter of 25mm with impact speed of 23m/s(51.2mph)
Maximum surface load capacity	7200pa