

SOLAR ENERGY SYSTEM UTC-50



Photovoltaic Module



PV Inverter



DC Breaker



DC Junction Box



DC SPD



Mid Clamp



End Clamp



Structure & Rail



DC Cable



AC Cable

- 84 modules of 600 Watt peak power rating. Professional premium solar modules with superior performance. Applying industry-leading product quality and reliability for residential and commercial rooftops. Over 20% efficiency with 25 years output warranty. Tested and approved certifications with IEC 62804.
- One grid-tied power processing unit. High performance inverting system, PVI 50kW outdoor string inverter, highly unique in its ability to control the performance of the PV panels. Over 98.7% efficiency with 10 years output warranty. Tested and approved certifications with IP65.
- One complete set of solar mounting structures that are highly corrosion resistant with 144 mid-clamp, 32 end-side clamp, 126 sets of 3 meter rails.
- DC PV cables from the photovoltaic modules to inverting system 40 meters length.
- AC wiring from the inverters: 5 meters length.
- One set of combiner box inclusive of 4 set DC Junction Box, 4 set DC Breaker switch and 4 unit of DC surge protection device.

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

50kWp

Solar Power Capacity

98.7%

Performance Efficiency

10Years

Product Warranty

25 Years

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.



