

UTICA™ 500W Vertical Axis Wind Turbine



Flexible <ul style="list-style-type: none">• For systems from 500W to 5000W• UTICA series VAWT are widely used in the areas with good wind energy• AC and DC coupling	Simple <ul style="list-style-type: none">• Easy commissioning with the “Quick Configuration Guide”• Complete off & on-grid management	Efficient <ul style="list-style-type: none">• High efficiency• Intelligent battery management for maximum battery life• Charge level calculation	Robust <ul style="list-style-type: none">• Extreme overload capability• Proactive temperature management system• 2-year warranty
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Wind Powered Generator

UTICA® Wind MobileGrid is an off-grid solar power system that works 24-hours a day, powered by photovoltaic modules, complementing your existing energy consumption and hence, reducing electricity bills and carbon footprint.

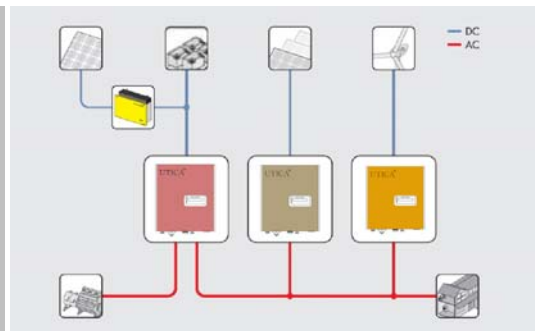
The easy deployable system makes commissioning within minutes possible. All required operational settings can be made quickly and easily in just a few steps. The UTICA® Wind MobileGrid is powerful, extendable and takes on all control processes.

Its first-class intelligent power processing unit ensures maximum battery life. It also features impressive efficiency, a rugged metal enclosure and active cooling system. With an output rating of 230V and 50 Hz, the UTICA® Wind MobileGrid is designed perfect for any location.

Technical Data	Wind MobileGrid 500
Capacity	500VA
System Voltage	24VDC
Energy Management	UTICA Intelligent Controller Processor
Power Inverter	
Output Wave Form	Pure Sine Wave
Display Mode	LCD
Display Parameters	Battery Voltage, Status parameters
Cooling Mode	Fan
Rated Output Voltage	110/120/220/230/240VAC
Wave Distortion	≤4%
Output Frequency	50/60 Hz±0.05Hz
Dynamic Response	0.05
Overload Capacity	120% 1min, 150% 10s
Inverter Efficiency	Maximum 90%
Noise (1m)	≤40dB
Wind Turbine	
Turbine Pmax	500Wp
Output Voltage	AC24V
Top Weight	70 (KG)
Tower Height	Guy Cable Tower/6M
Speed Regulation Method	Electromagnetic Control
Stop Method	Electromagnetic brake
Wind Energy Utilized Coefficient	30%-40%
Range of Working Temperature	-45°C-60°C
Battery	
Capacity	24V200 Ah
Certificates and permits	www.utica.sg
Last revision: January 2013	
Remarks	Every wind turbine is designed for either on-grid or off-grid usage. Each product is equipped with a specially designed magnetic generator that lowers torque and creates a higher generation of electricity, thus making our products superior in efficiency when compared to other products on the market today.

UTICA Wind Mobile Grid 500 Series

- System capacity 500VA
- Indoor system
- High efficient Compact
- Rugged and extremely portable
- Effective and efficient
- Plug & play quick installation
- Backup generator for disasters and outages



Off-grid System

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The instructions are only for your reference. If any discrepancy found between certain picture and product, please look the actual product.

UTICA SINGAPORE