

Microcare

Wind Turbine Charge Controller (WTCC)

The Microcare Wind Turbine Charge Controller (WTCC) utilizes the winds energy to control the charge to a set of batteries. Based on the MPPT Technology, the WTCC finds the Wind Turbines knee point and extracts the maximum power to charge the battery set. This unique system has been designed specifically for the Osprey VAWT. The special feature is that once the batteries are fully charged there is no Load dump required. This is due to the unique features of the Osprey VAWT Design.

Features:

- Battery Voltage 12v – 48v
- Output Current maximum of 25 amps
- Maximizes wind turbine output at low wind speed
- Maximum Input Voltage 100vdc
- Full input and output protection
- Uses 600/800/1000 watt turbines



Specifications:

Output Current Rating	25 amps maximum
Input Voltage	100v DC maximum
Battery Voltages	12/24/36/48 volts DC
Output Efficiency	98% Typical @ 27 Volt 11 Amps Output
Status display	LCD
Power Consumption	Less than 1watt
Environmental Rating	0 – 40°C
Protection System	Lighting Protection
Cable Entry	5 * 20mm cable glands
Warranty	2 Years
Cabinet Dimension	240mm (L) x 220mm (W) x 110mm (H)
Weight	3kgs

- All Microcare Products come with a 2 year warranty
- Microcare products are sold through authorized Microcare distributors
- All information supplied is Subject to change without notice

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