

onix[®]

**ROOFTOP
WIND TURBINE**
Vertical Axis



**STEP TOWARDS
GREEN INDIA**

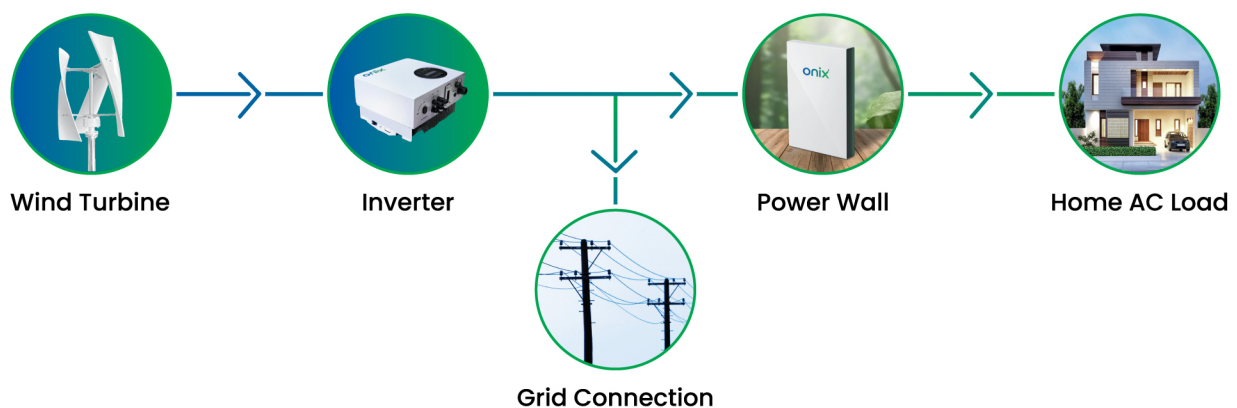
ATMANIRBHAR BHARAT

MODEL	ORLVWTX-2000	ORLVWTS-2000
Rated Power (W)	2000	2000
Max. Power (W)	2200	2200
Rated Voltage (V)	24~48	12~48
Start-up Wind Speed (m/s)	1.5	1.5
Rated Wind Speed (m/s)	11	12
Cut-in Wind speed (m/s)	3	3
Survival Wind Speed (m/s)	45	45
Wheel Diameter (m)	1.25	1.6
Blade Height (m)	1.35	1.2
Quantity of Blade (nos.)	3	2
Blade Material	GFRP	
Generator Type	Meglev Levitation PMG	
Generator Protection	PI54	
Environmental Humidity	<90%	
Altitude (m)	<4500	
Install Height (m)	3~12	
Working Temperature (°C)	(-40°)-(+60°)	
Overload Protection	Electromagnetic Brake	

ADVANTAGES

» 100% Green Energy	» Compact in Size and Very Less Footprint
» Verity of Output Range Option Available	» Cost Effective
» Efficiently Operate in Low Wind	» Lower Starting Wind Speed
» Lower Blade Speed that Not Harm Birds	» Higher Power Efficiency
» More Aesthetically, Pleasing & Less Obtrusive	» Due to Fewer Parts Generating Less Noise
» Easier Installation and Maintenancens	» Scalable Design for Urban & Industrial Installations

SYSTEM CONNECTION



CORP. OFFICE / FACTORY : Plot No. P-212-B, Gate No 2,
Lodhika G.I.D.C., Metoda, Rajkot-360021, (Gujarat) INDIA.

+91 73000 17000 business@onixgroup.in www.onixrenewable.com



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