

**Product Name :**  
Wind Energy Trainer Advanced

**Product Code :**  
CHINAELABC4380001



**Description :**

Wind Energy Trainer Advanced

**Technical Specification :**

DC Motor Drive Control panel:  
2 pole 1Ø 6A MCB of 230 V 50Hz.  
300V DC Voltmeter & 5A DC Ammeter  
0-200V Variable Armature Output and Fixed 200V Field Output  
DC Ammeter panel:  
3 No's of 0-20A DC Ammeter  
DC Circuit Breaker panel:  
3 No's of 1Ø 16A MCB Circuit Breaker.  
Battery Bank Junction Panel:  
2 pole 1Ø 16A ELCB Switch.  
Dump Load panel:  
0.5oms /100W resistive load.  
Socket Panel:  
3 No's of Screw Base Lamp Socket.  
2 No's of 1Ø AC Electrical Socket.  
Switch Panel:  
1 No's of 16A Cam operated rotary Horizontal Switch.  
1 No's of 16A Cam operated rotary Vertical Switch.  
2 No's of AC/DC switch.  
3 No's of Stop (Toggle) Switch  
Bus Bar & Distribution Panel:

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12V DC bus bar

12V DC Distribution bar

Battery Charger Control Panel:

3Ø Battery Charger with DC Energy Meter to measure DC parameter of Battery.

3Phase Multifunction Meter

1 No's. of 3 Phase Multifunction Meter to measure AC voltage, current, power etc

Energy Meter Panel:

1Ø AC two wires static kWh Meter with 2 pole 1Ø 16A ELCB Switch.

Inverter Panel:

900VA pure sine wave Inverter with AC Output Indicator.

Battery Panel:

12V, 100Ah Tubular Battery for storage.

Wind Simulator:

Wind Simulator with DC Shunt Motor and 3Ø Alternator.

3Phase Alternator

Speed-500 RPM

Capacity-100 VA

Voltage-12 V

Current-8 A

Frame-90

DC SHUNT MOTOR

Capacity-1 H.P.

Voltage-200 V

Current-4 A

Speed-1500 RPM

Frame-90

EXCT 200 V D.C.



**Engineering Lab China**