



綠色能源操作學習模板

ALTERNATIVE ENERGY LEARNING SYSTEM (AMATROL 850-AEC)

綠能與永續資源學系



WIND ENERGY

RESISTOR LEAD, RESISTOR LEAD, METERS (DC AMMETER, DC VOLTMETER, RESISTOR METER), DC TO AC VOLTAGE CONVERSION, DC DISTRIBUTION PANEL, AC POWER DISTRIBUTION CENTER (POWER METER, AC BREAKER BOX), AC LOADS (AC LIGHTS, AC LOADS), DC LOADS, DATA ACQUISITION

SOLAR ENERGY

GRID-TIE, GRID-TIE POWER ENTRY, AC TO DC VOLTAGE CONVERSION, POWER METER, AC BREAKER BOX, AC LOADS (AC LIGHTS, AC LOADS), DC LOADS, DATA ACQUISITION

The image shows a blue metal cabinet housing a complex electrical system. On the left, a white hand drill is connected to a motor. The central panel features a large AC breaker box, several meters (analog and digital), and various electrical components like resistors and switches. On the right, there's a solar panel array connected to a grid-tie inverter and another set of meters. A data acquisition system is visible at the bottom right. Numerous wires connect the different parts of the system.



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