

2MW – COMMERCIAL PACKAGE

PRODUCT CODE: AED-CS-PK-1003-2
BRAND: AED TECHNOLOGIES

COMMERCIAL SOLAR



Product Description

The 2MW- Commercial Package is ideal for businesses, homes, offices, workshops etc. The energy is sufficient to provide power for companies, schools, banks, estates etc. for 24 hours a day. It powers all basic loads including power LED lights, Fans, TV, Large Fridge, Sound system and gadgets, water pump, laptops, phones, dstv, printers, microwave, washing machine, streetlights, traffic lights etc.

Product Features:

The Charge Controller has an LCD display that monitors the solar capacity from the solar panels. It also displays the battery level at all times.

The GACIA battery has a depth of discharge of 30%. It also has a cycle of 4,000 and a design life of 10-15 years.

The 300W Monocrystalline solar panels have a design life of 25 years.

The 10 KVA inverter has protection against anti-charge at night, battery over charge, has over-discharge protection and joint-reversed of solar modules.

Technical

Solar Panels: Peak Power- 300W
Max. Power Voltage – 36.78V
Max. Power Current – 8.16A
Design Life: 25 years

Charge Controller: 60A MPPT

Compatibility for PV Systems: 12V, 24V
Battery: 12V/200AH Sealed Lead Acid Battery
Size: 522 x 240 x 216 mm
Cycles: 4,000
Design Life: 10 – 15 years

Inverter: 48/96 VDC 10 KVA System

Rated DC Voltage: 48V or 96V

Wave Form: Pure Sine Wave

Charging Efficiency: 90%-95%

Includes

6667 x 300W Mono Solar Panels
200 x 10KVA Inverter
7780 x 12V/200AH Battery
868 x 60A MPPT Charge Controller
Installation

Ideal for

Companies
Workshops
Schools
Banks
Estates