

500KW – COMMERCIAL PACKAGE

PRODUCT CODE: AED-CS-PK-1001-2
BRAND: AED TECHNOLOGIES

COMMERCIAL SOLAR



Product Description

The 500KW- 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, 48V

Battery: 12V/200AH Sealed Lead Acid Battery

Size: 522 x 240 x 216 mm

Cycles: 4,000

Design Life: 10 – 15 years

Inverter: 48 VDC 10 KVA System

Rated DC Voltage: 48V

Wave Form: Pure Sine Wave

Charging Efficiency: 90%-95%

Includes

1667 x 300W Mono Solar Panels

50 x 10KVA Inverter

1945 x 12V/200AH Battery

217 x 60A MPPT Charge Controller

Installation

Ideal for

Companies

Workshops

Schools

Banks

Estates