

# 500KW – COMMERCIAL PACKAGE

PRODUCT CODE: AED-CS-PK-1001-3  
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 OKAYA battery has a low self-discharge and long service life. It also has leak-proof construction and fast deep discharge recovery. The 250W 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  
Discharge: Low self-discharge  
Design Life: Long Service Life  
Inverter: 48/96 VDC 10 KVA System  
Rated DC Voltage: 48V or 96V  
Wave Form: Pure Sine Wave  
Charging Efficiency: 90%-95%

### Includes

2000 x 250W 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