

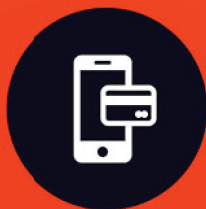


Arnergy 5000

Commercial Pay-As-You-Go solar power and energy storage system



Plug & Play



Mobile & Online Payment



Real Time Monitoring & Control



Stand-by Contact Center

System Specification

Nominal Output Power	5000W
Max. AC Input Power	5000W
IP Protection	IP21
Cabinet Dimension (W x D x H)	630 x 740 x 1080 mm
System Cabinet Weight	94.60kg
Operating Temperature Range	0 to 55°C
Battery Chemistry	LFP (LiFePO4)
Battery Capacity	10.8kWh (5.4kWh x 2)
Usable Energy (90% DoD)	9.72kWh
Solar PV Capacity	4500Wp
Display	LCD
Communication Interface	USB/RS232/RS485/Bluetooth/Dry Contact
Monitoring System	GPRS/3G, Real- Time IoT Enabled Communication
Warranty	5 Years Product Warranty, 10 Years + Life Span

Inverter Technical Specification

Nominal Input Voltage	230VAC
Input Voltage Range	110 ~ 280VAC
Battery Voltage	48V
Rated Frequency	50Hz/60Hz (Auto sensing)
Phase	Single- Phase
Dimension (W x D x H)	303 x 140 x 525 mm
Weight	13.5kg
Transfer Time	0ms
Number of Inverter	1

Solar Charger & AC Charger

Maximum Solar Capacity	4500W
Maximum PV Array Open Circuit Voltage	145V
MPPT Range @ Operating Voltage	60V ~ 115V
Maximum AC Charger Current	60A
Maximum Solar Charger Current	80A
Total Charging Current	140A
MPPT Number	1

Battery Technical Specification

Module Capacity	5.4kWh
Module Nominal Voltage	48V
Operating Temperature Range	-10°C to 55°C
Module Weight	43 kg per module
Module Dimension (W x D x H)	482 x 460 x 156mm
Cycle Life	≥4000
Max. Charging/Discharging Current	56A (0.5C)



Arnergy 5000 Price List



	Lease to Own (LO)	Outright Sale (OS)
Upfront Payment + VAT incl.	-	₦4,280,000
Monthly Subscription + VAT incl.	₦154,000	₦0
Tenure (Months)	36	-
Caution Fee	₦154,000	₦0



Reliable, Affordable, Clean Energy for Your Home or Business

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