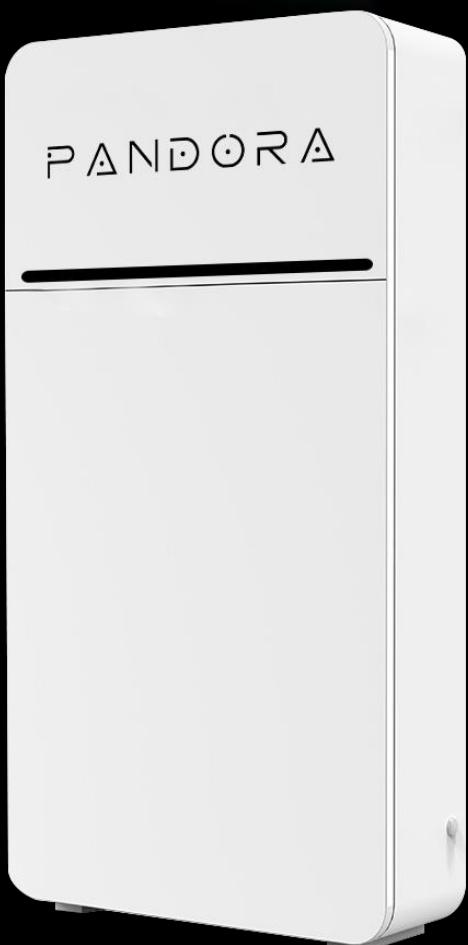




PANDORA

GREEN PLANET



GREEN PLANET HOME BATTERY

PANDORA



- Power your home with the solar energy stored in PANDORA to reduce your risk on the grid and get lower electric bill



- Pandora protect your home during power blackouts, keeping you and your appliances totally running



- Most homes use a fraction of the solar energy to produce. Instead of sending it back to the grid, Pandora stores it for later use

PANDORA

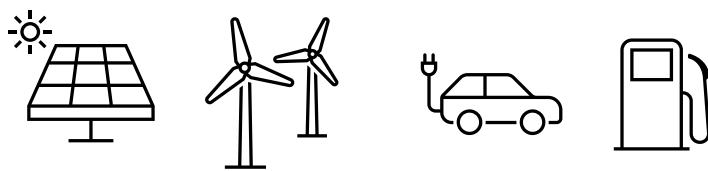




PANDORA

Compact and modern design

PANDORA GREEN PLANET is a microgrid system with rechargeable batteries that include an integrated converter for all types of energy sources (AC and DC). The "**PANDORA Multi Converter**" converts the energy of the solar panels to alternating current for the domestic use of your home. The **PANDORA** System also allows you to integrate electric generator, wind turbine, auto electro and even other energy sources to achieve greater return on investment.



TECHNICAL SPECS

Inverter Model: Genesis-12k-LV | Genesis-8k-LV

INVERTER OUTPUT

RATED OUTPUT CURRENT

Rated Current: 50A at 240vac

Rated Current: 57.6 at 208vac

Max Peak Power: 2 Times rated power

Passthrough: 66A

Load Motor Capacity: 6HP

Rated AC Frequency: 50/60Hz

Waveform: Pure sine wave

Parallel Capacity: 6

BATTERY CAPACITY

19.2 kWh / 400Ah / 51.2vdc

Operating Temperature

-20C to 80C

INVERTER POWER

15.8kW peak / 12kW continuous

66A Passthrough / 50A continuous

INSTALLATION

Floor mounted
Indoor or Outdoor

STACKABLE

Up to 192 kWh

EFFICIENCY

MPPT Efficiency: 99.9%

Max Efficiency: 97.50%

WARRANTY

20 years or 12,000 cycles at 100% DOD

WEIGHT

200 KG

BATTERY CHEMICAL

Iron Phosphate

DIMENSIONS (High x Wide x Deep)

2060 mm x 815 mm x 250 mm

MONITORING TYPE

Wi-Fi by APPLE & ANDROID App

FUNCTIONS

Solar self-consumption

Time of use load shifting

Backup

Off-grid

Wind Turbine

AC Generator integration

RATED OUTPUT VOLTAGE

120/240Vac (Split Phase)

120/208Vac (Three-phase)

PV INPUT

Num of MPPT: 2

Max. PV Array

Max input Current: 25A+25A

Max Volt Open Circuit: 550v+550vdc

MPPT Voltage Range: 125~450vdc

PANDORA
GREEN PLANET



www.PandoraGreenPlanet.com