



PANDORA

GREEN PLANET



GREEN PLANET HOME BATTERY

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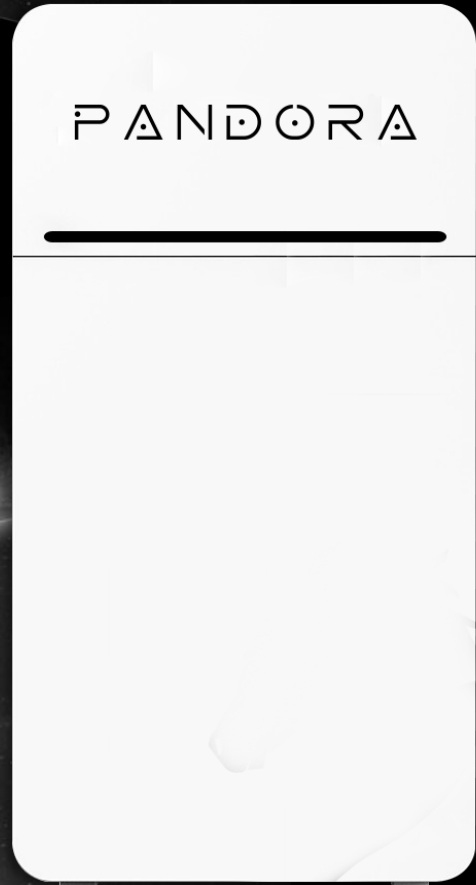
- Power your home with the solar energy stored in PANDORA to reduce your risk on the grid and get lower electric bill



- 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



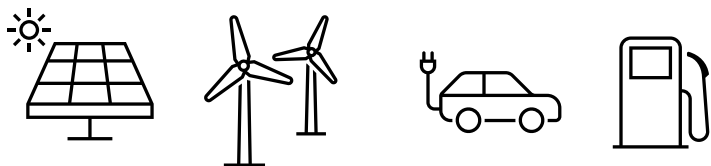
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Compact and modern design

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

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

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

