

THOR 1000

Portable Power Station

HYUNDAI
POWER PRODUCTS



Product Features

- Bidirectional topology supports fast charging in just 1.2 hours.
- Uninterruptible Power Supply (UPS) switches to backup power within 10 ms.
- Monitor the portable power station via Wi-Fi, Bluetooth or app.
- Lightweight and easy to carry.
- Automatically detects 50/60 Hz input frequency; AC output follows the input frequency.
- Intelligent internal air-cooling system.
- AC input power factor up to 0.99.
- Constant power mode can run appliances up to 1500 W.



Product Overview



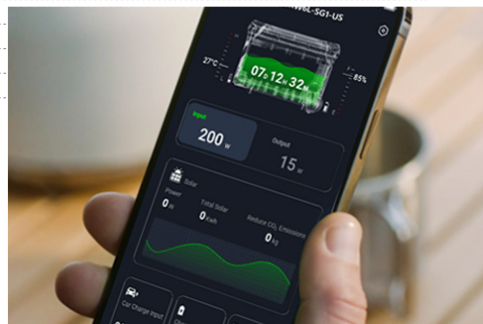
Technical Specifications

BATTERY TYPE	CYLINDRICAL ALUMINUM-CASE LiFePO4 BATTERY
ENERGY CAPACITY	614.4 Wh, 51.2 V, 12 Ah
AC OUTPUT (INVERTER MODE)	PURE SINE WAVE, 1000 W TOTAL (1600 W PEAK), 220-240 V~, 50/60 Hz, 5 A × 2
CYCLE LIFE	4000 CYCLES
DEPTH OF DISCHARGE (DOD)	80%
USB-A1/A2 OUTPUT	5 V/2.4 A, 12 W MAX.
USB-C1/C2 OUTPUT	5V/9/12/15 V 3 A, 20 V/5 A, 100 W MAX.
CAR OUTLET OUTPUT	12.6 V/10 A, 126 W MAX.
AC OUTPUT (BYPASS MODE)	220-240 V~, 50/60 Hz, 1000 W MAX., 5 A
AC INPUT POWER	1500 W MAX., 7.5 A
AC INPUT VOLTAGE	220-240 V~, 50/60 Hz
CAR CHARGING INPUT	SUPPORTS 12 V/24 V BATTERIES, DEFAULT 5 A
PV CHARGING INPUT	400 W MAX., 13-45 V, 12 A
ADAPTER INPUT	21 V/5 A, 105 W MAX.
AC CHARGING POWER	700 W MAX.
PV/CAR CHARGING POWER	400 W MAX.
AC+PV CHARGING POWER	700 W MAX.
WEIGHT	8.5 KG
DIMENSIONS	301 × 227 × 193 MM



Solar Panel Charging

Supports 800 W PV charging, with an estimated 4-hour charging time; supports combined AC and solar charging (PV+AC: 2560 W).

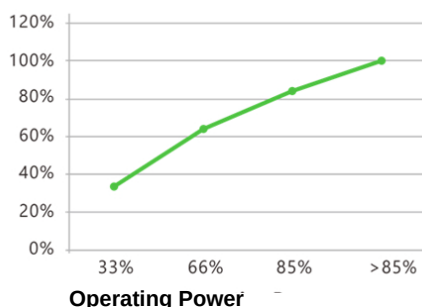


Smart App Control

Monitor operating data and update software via the smartphone app using Wi-Fi/Bluetooth.



Fan Speed



Cooling Fan

Intelligent Air-Cooling System (Internal Fan)



LiFePO4 Battery Cells

- Uses LiFePO4 battery cells.
- UL1973 certified.
- Minimum 3000 charge/use cycles.
- At least 80% capacity retained after 3000 cycles.



P-Boost

When powering high-wattage appliances, the inverter intelligently regulates output power, maintaining a consistent effective power level so the appliances continue operating reliably.



UPS (Uninterruptible Power Supply)

The UL1778-certified UPS provides backup power to essential devices within 10 ms of a power outage. AC output automatically reconnects to the grid once power is restored.