

Solar Power Generator

SmartBase-001



1.5H

fast charge



30W

Type C power supply



3 CPU

intelligent control



3.5in

color display

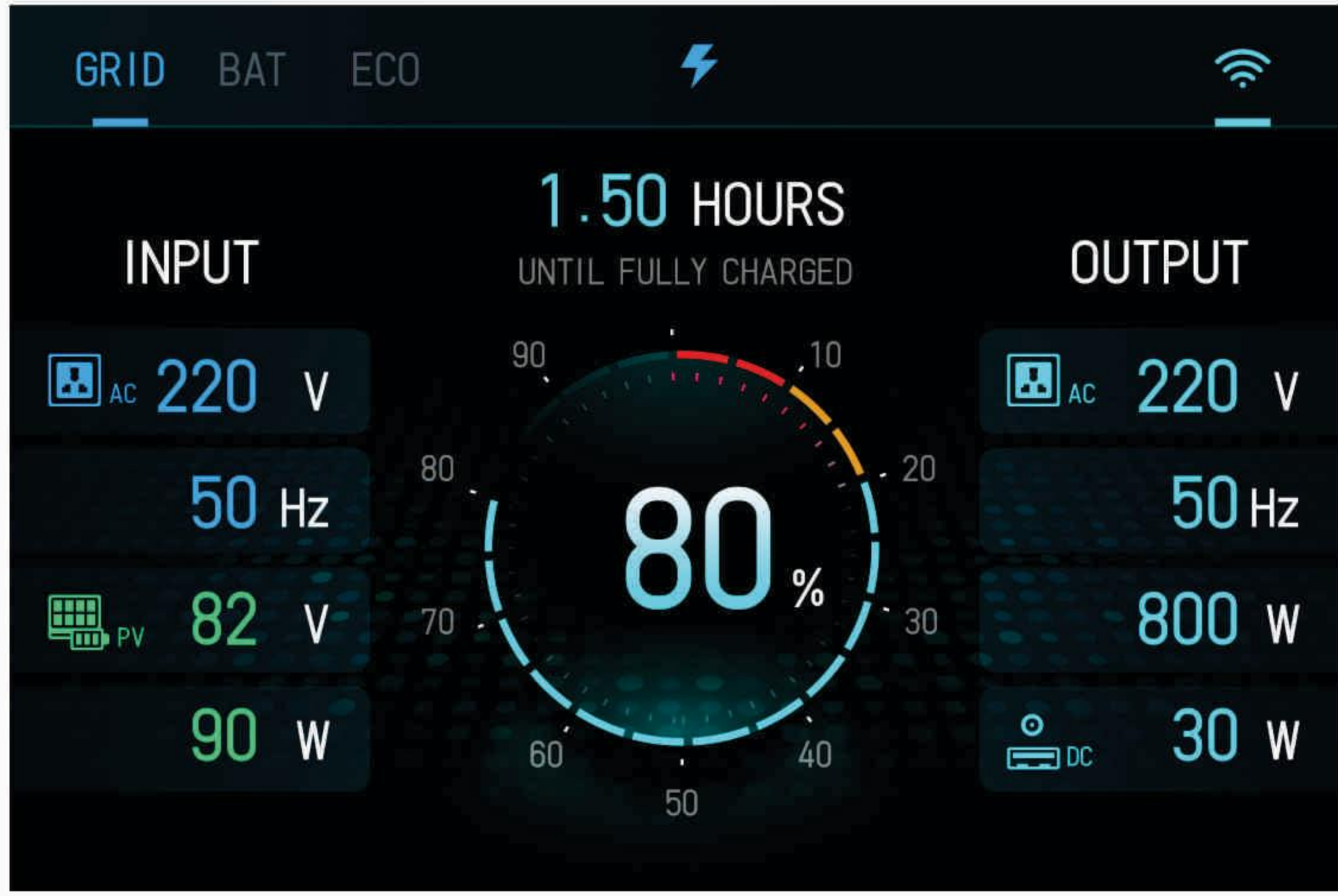


Swift Storage
Instant Power

PRODUCT APPEARANCE



DISPLAY SCREEN



Display Screen:
TFT color screen
Display Size (mm):
3.5 inches

| APPLICATION



| KEY FEATURE

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- > 6000 cycles times, Grade-A lithium battery cell .
- Fast charge function: 100% full charge in 1.5 hours in grid mode.
- Built-in MPPT controller, solar charge efficiency improves 20%.
- UPS function: Seamless switching from grid outage to battery output within 30ms.
- Low frequency transformer enhances reliability and durability.
- Triple CPU with NAMKOO BMS designed for home application.
- Support grid mode/battery mode/eco working mode.
- Multiple charge modes: solar/grid/grid & solar.
- Overcharge protection and overdischarge protection function safely guarantee longer battery life.
- 2 years warranty & 6 years service life promise long-term and sustainable use.

MODEL : SPG-A1000-S1	
BATTERY	
Lithium battery type	LiFePo4
Battery capacity	40Ah/1024Wh
Battery voltage	25.6V
INVERTER	
Rated power	1000W
Rated voltage	220V AC±5%
Frequency	50Hz/60Hz
Waveform	Pure sine wave
AC INPUT	
Rated voltage	220V AC
Voltage range	160 ~ 265V AC
Frequency range	45 ~ 65Hz
Fast charge	1.5H full charge under grid mode
SOLAR INPUT	
Max charge power	500W
Input voltage	35V ~ 100V DC
Input current	0~15A
Maximum MPPT efficiency	99%
Solar input interface	XT-60 socket
Battery charge voltage	29.2 V
Battery charge current range	0~20A
DC OUTPUT	
5VDC USB output	3pcs, total 12W
Type-C PD fast charge output	1pc, max30W
12VDC 5521 Port output	2pcs, total 36W
DISPLAY SCREEN	
Size	3.5 inches
Type	TFT color screen
MONITOR FUNCTION	
Communication mode	WiFi
APP function	Remote control , working status record
OTHERS	
Protection function	Overvoltage / undervoltage / overload / short circuit / over-temperature protection , etc
Operation temperature	0°C ~ +40°C
Storage temperature	-15°C ~ +55°C
Environment humidity	0 ~ 90% no condensation
Heat dissipation	Fan cooling
Altitude range	≤ 2000m (over need to be derated)
Product size (Width × Depth × Height)	430mm×240mm×334mm
Package size(Width × Depth × Height)	515mm×330mm×435mm
G.W.	25kg
N.G.	23.5KG