

Next-Gen KENT Solar MPPT Inverter



Off-Grid PCU for
Seamless Power Backup

S1 Series
3600 VA



3 KW MPPT

Optimises solar input for
higher energy harvest



SELECTABLE PRIORITY

Set Priority as needed -
Solar, Grid or Battery



RUN AC & SUBMERSIBLE PUMP

Runs one non-inverter
AC or one submersible pump



PURE SINE WAVE

Clean power for quieter
fans and safer electronics



LEAD OR LITHIUM

Compatible with 24V lead-acid
or lithium batteries



LCD DISPLAY

Solar, battery, load and
fault status at a glance



KENT S1 3600

Kent S1 3600 — Solar + Battery + Inverter

One unit that takes power from your solar panels, stores it in a battery, and runs your home.

- **Lower bills** - Your panels run the house all day, so you buy far less from the grid.
- **Full backup** - 3600VA of pure sine power keeps AC, submersible fans, lights, TV and fridge running when the power goes.
- **Room to grow** - Add more panels later. Solar input handles up to 2× the inverter rating.
- **Recommended battery** - Kent A5 3840 Lithium Battery — 3500+ cycles, 5-year warranty, 10-year life

Technical Specifications

Model	S1-3600
Item Code	131006
Rating	3600 VA
AC Input	
Normal Mode	90 - 295 V
UPS Mode	165 - 265 V
AC Output	
Wave Form Type	Pure Sine Wave
Output Voltage	220 VA
Output Frequency	50 Hz
Bulb Load	2440 W
ThDi Distortion	<5%
Peak Efficiency	>93%
PV Specifications	
Number of MPPT	1
Max Panel Power	3000 W
Max PV Voltage	105 V
Max PV Current	70 A
General Specifications	
Protections	Overload backup, short circuit in backup mode, Short circuit in Grid Mode, back feed, Over Temperature, Reverse Battery and Phase-to-Phase Protection in Grid mode
Display	LCD
IP Rating	IP 20
Relative Humidity	<95% (Non-condensing)
Noise	<50 db
Operating Temperature	0-45 Degree C
Cooling Type	Forced Air Cooling
Warranty	2 Years
Dimensions (WxHxD)	350x 261x 430 mm
Weight	23.25 Kg

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