

SOLAR STATION HYBRID 5000 (5kW)

Model:	SOLAR PANEL		BATTERY			kWh/day
	Qty	Type	Qty	Type	Capacity	
SSHY5000-Pro	18	335W CIGS	8	12V 180Ah Sealed AGM	14.4kWh	33 kWh
SSHY5000-Basic	18	265W Polycrystalline	8	12V 180Ah Sealed AGM	14.4kWh	23kWh
Upgrade Option 1	27	335W CIGS	8	12V 240Ah Sealed AGM	19.2kWh	50kWh
Upgrade Option 2	36	265W Polycrystalline	8	12V 240Ah Sealed AGM	19.2kWh	47kWh

SOLAR STATION HYBRID 10000 (10kW)

Model:	SOLAR PANEL		BATTERY			kWh per day
	Qty	Type	Qty	Type	Capacity	
SSHY10000-Pro	33	335W CIGS	16	12V 180Ah Sealed AGM	28.8kWh	61kWh
SSHY10000-Basic	36	265W Polycrystalline	16	12V 180Ah Sealed AGM	28.8kWh	47kWh
Upgrade Option 1	44	335W CIGS	16	12V 240Ah Sealed AGM	38.4kWh	81kWh
Upgrade Option 2	54	265W Polycrystalline	16	12V 240Ah Sealed AGM	38.4kWh	70kWh



OPR Deep Cycle Rechargeable AGM+Gel Hybrid VRLA batteries are based on over 20 years' research and development of energy storage. OPR batteries use gel technologies together with deep-cycle technologies, resulting in a longer cycle life.

SOLAR STATION HYBRID



POWER FAILURE? NOT YOUR PROBLEM. The Solar Station HYBRID Kit is the ultimate system for generating solar power, either connected to the grid or off-the-grid, and ensuring 100% automatic backup power during power failures. You choose when you want to use solar energy, when you want to draw from your battery bank, and when you want to get electricity from the grid. Kit includes heavy-duty pure-sinewave 3-in-1 hybrid inverter with built-in battery charger, Class A Tier-1 polycrystalline or thin-film CIGS solar panels, AGM Gel VRLA battery bank as well as all the cables and fuses required for setup.

Chart: Useable Battery Capacity per option.

Model	Rec. DOD	Model	Rec. DOD
SSHY3000-Pro	2.4kWh	SSHY5000 Upgrade Option 2	9.6kWh
SSHY3000-Basic	2.4kWh	SSHY10000-Pro	14.4kWh
SSHY3000 Upgrade Option 1	3.6kWh	SSHY10000-Basic	14.4kWh
SSHY5000-Pro	7.2kWh	SSHY10000 Upgrade Option 1	19.2kWh
SSHY5000-Basic	7.2kWh	SSHY10000 Upgrade Option 2	19.2kWh
SSHY5000 Upgrade Option 1	9.6kWh		



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POWER FAILURE? Not your problem.
The OmniPower Hybrid Power stations is a PV Solar System with 100% automatic battery backup.

HYBRID SOLAR KIT



1

GRID-TIE OPERATION without batteries

No need for a battery bank. PV Solar powers your load directly during the day while mains power supplies the loads at night or during periods of insufficient sunshine. Excess solar power can be fed into the grid.

2

HYBRID OPERATION with batteries

The Omnipower Hybrid Inverter saves you money by using battery energy first when PV energy is low. Only when the battery levels run low will the inverter extract AC power from the grid. The Omnipower Hybrid Inverter is also able to function as an off-grid inverter to provide continuous power even when no grid exists - the ideal power solution for remote regions.

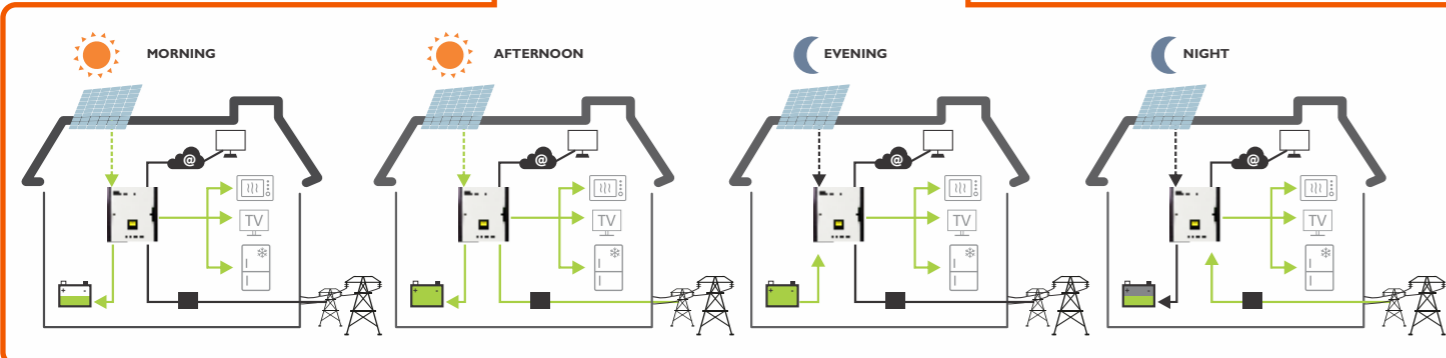
3

BACKUP POWER with batteries

The unit can also function without PV panels as a pure back-up system. In the event of a power failure, the Omnipower Hybrid Inverter will provide instant backup power to the load from the battery bank. PV solar can be added at a later stage.

SOLAR STATION HYBRID KIT INCLUDES:

- Heavy Duty Pure-Sinewave 3-in-1 Hybrid Power Inverter with built-in battery charger
- Battery Bank
- Class A Tier-1 PV Solar Panels
- All DC Cables and Connectors
- Powder-coated steel Battery Cabinet, Fuses & Fuse Holders
- Mounting Structure is NOT included in the kit. Contact Sinetech to discuss your requirements.



SOLAR STATION HYBRID 3000 (3kW)

Model:	SOLAR PANEL		BATTERY			kWh per day
	Qty	Type	Qty	Type	Capacity	
SSHY3000-Pro	12	335W CIGS	4	12V 120Ah Sealed AGM	4.8kWh	22 kWh
SSHY3000-Basic	13	265W Polycrystalline	4	12V 120Ah Sealed AGM	4.8kWh	17kWh
Upgrade Option 1	As per model	As per model	4	12V 180Ah Sealed AGM	7.2kWh	As per model