

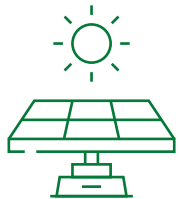
FAERSTECH SOLAR KIT

AFFORDABLE POWER FOR EVERY HOME

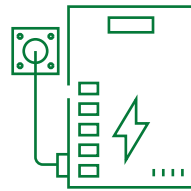


YOUR SIMPLE SOLAR SOLUTION (3-IN-1 KIT)

WHAT INSIDE?



1. SOLAR PANELS
(POWER)



2. HYBRID INVERTER
(CONTROL)

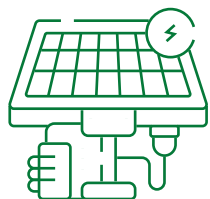


3. BATTERY STORAGE
(BACKUP)

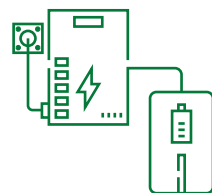
Everything you need to generate, store, and use clean energy.
Simple and reliable.

DIY FRIENDLY INSTALLATION

Easy to install with basic tools. Save on labor costs!
(Professional installation also available)



STEP 1:
MOUNT PANELS



STEP 2:
CONNECT & SERVICE



STEP 3:
ENJOY POWER!

ACCESSORIES INCLUDED (ALL KITS)

MOUNTING HARDWARE	PROTECTION DEVICES
Roof or ground mount frames	DC fuse / breaker
Screws, bolts, and clamps	AC breaker
Adjustable brackets for panel tilt	Surge arrestor
CABLING & CONNECTORS	INSTALLATION KIT
MC4 connectors (for solar panels)	Manual / step-by-step DIY guide
DC and AC cables	Basic tools
Cable clips & ties	



CONTACTS US FOR PRICING & ORDERS:
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FAERS SOLAR 3-IN-1 HOME POWER DC KITS

These systems are complete solar energy packages designed for quick setup and reliable power in homes, small offices, and rural buildings. Each kit integrates solar panels, batteries, DC Controller, and all required accessories (mounting, wiring).

They deliver plug-and-play convenience, scalable power, and strong performance even in hot or dusty conditions — ideal for African environments.

MODEL	PV PANEL	BATTERY (2-4)HRS	CONTROLLER	DAILY OUTPUT	LED LIGHT (24 W)	DC FAN (36 W)	MOBILE CHARGER (10 W)
S1K-100	150W	12 V / 25 Ah	260W	0.5 kWh	2	0	1
S2K-250	300W	12 V / 50 Ah	390W	1 kWh	2	1	1
S3K-350	400W	12 V / 80 Ah	520W	1.5 kWh	4	1	1
S5K-500	535W	24 V / 50 Ah	520W	2 kWh	4	1	2
S7K-700	730W	24 V / 80 Ah	780W	3 kWh	8	1	2
S9K-900	2x535W	24 V / 100 Ah	1040W	4 kWh	8	2	2
S10K-1000	2x620W	24 V / 120 Ah	1200W	5 kWh	10	3	2

SYSTEM HIGHLIGHTS

- ⚡ Complete Turnkey Solution – Includes panels, batteries, inverter, wiring, mounting, and setup.
- ⚡ Plug-and-Play Installation – Minimal wiring, simple connection, suitable for non-technical users.
- ⚡ High-Efficiency Components – MPPT controllers, deep-cycle batteries, pure-sine inverters.
- ⚡ Durable & Safe – Overload, short-circuit, and temperature protection.



FAERS SOLAR 3-IN-1 HOME POWER KITS

RECOMMENDED APPLICATIONS

USE TYPE	S1K-100 → S10K-1000	DESCRIPTION
Basic Lighting & Phone Charging	1kW-1.5kW	Ideal for single rooms, kiosks, or off-grid cabins.
Small Homes & Shops	3kW	Runs TV, fan, router, and basic household loads.
Complete Home Power	5kW → 10kW	Supports fridge, lights, fans, and entertainment systems.
Medium-Sized Homes & Offices	20kW	Powers multiple rooms, computers, and appliances.
Large Houses/ Small Business	30kW	Power up large houses and small offices

WARRANTY & SUPPORT

1. SOLAR PANELS: 5-YEAR PERFORMANCE WARRANTY
2. INVERTER / CONTROLLER: 2-YEAR WARRANTY
3. BATTERY: 1-YEAR WARRANTY
4. SUPPORT: INSTALLATION GUIDANCE AND REMOTE MONITORING ASSISTANCE

MARKETING SUMMARY

Faers 3-in-1 Kits deliver energy independence, quiet operation, and sustainable living — all in one compact, reliable system. Designed for modern homes, rural electrification projects, NGOs, and small enterprises seeking long-term clean power.



FAERS SOLAR COMPLETE SOLUTIONS

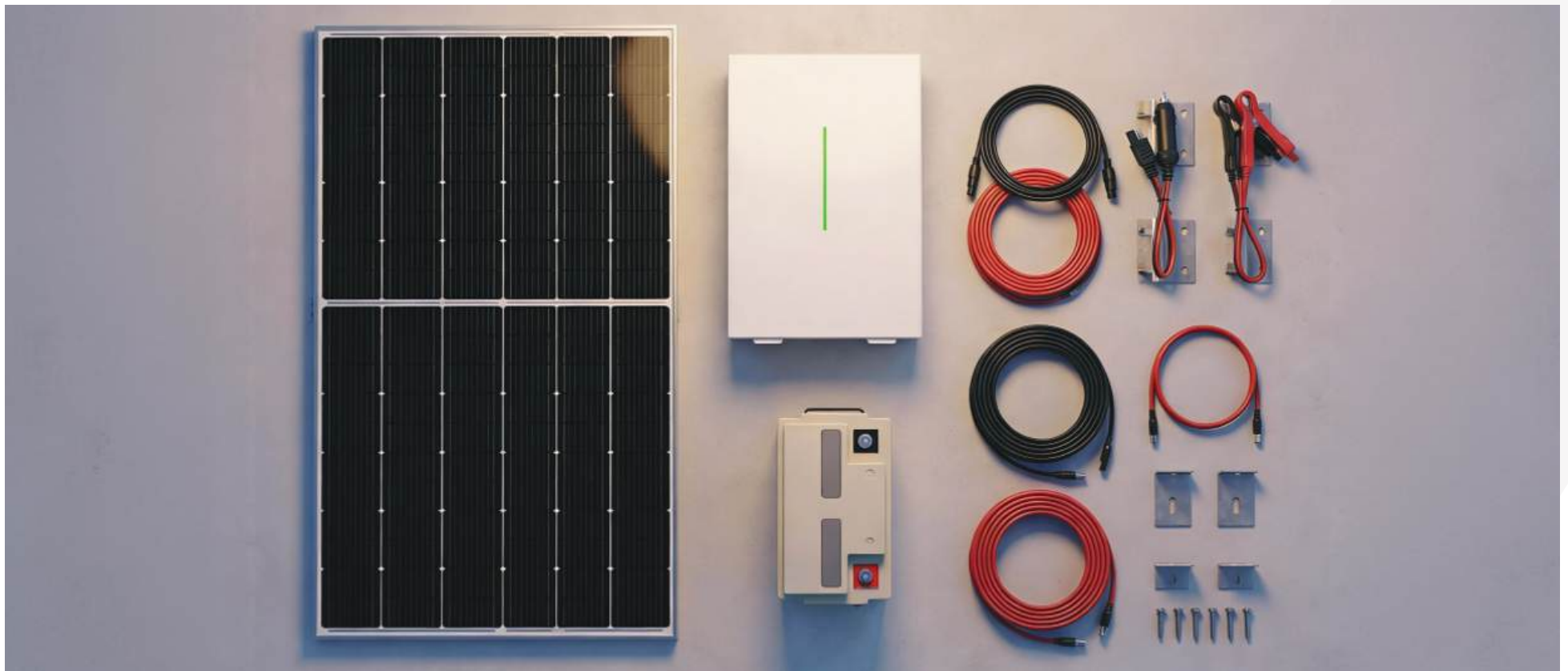
Appliances (with wattage)	1 kW	1.5 kW	3 kW	5 kW	10 kW	15 kW	20 kW	30 kW
LED Lights (8-12W each)	2-4	4-6	8-10	10-12	20-25	30-35	40-45	60-75
Ceiling Fans (50-75W)	1	1	2	4	8-10	10-12	15-18	20-25
TV LED (80-150W)	0-1 small	1	1	2	3-4	4-6	6-8	8-12
Laptop (40-80W)	0-1	0-1	1	2	4-6	6-8	8-10	10-16
Mobile Chargers (5-10W)	1-2	1-2	3-6	5-10	Multiple	Multiple	Multiple	Multiple
Refrigerator (120-350W)	Mini (80-120W)	Small (120-180W)	Medium	Large	1-2 Large	2-3 Large	3-4 Large	4-6 Large
Washing Machine (400-1200W)	No	No	Light Use	Yes	Yes	Yes	Yes	Multiple
Water Pump (750-1500W)	No	No	Not reliable	Small Pump	Medium Pump	Medium/Large	Large Pump	Multiple Pumps
S3K-1000	No	No	Light Use	Yes	Yes	Yes	Yes	Multiple
Air Conditioner – Inverter 1 Ton (700-1200W running, 1800-2500W surge)	No	No	No	1 x 1 Ton	2-3 x 1 Ton	3-5 x 1-1.5 Ton	5-7 AC Units	8-12 AC Units
Combined Household Load	Very Limited	Basic	Medium Home	Small Home (Full)	Large Home	Large Home+Shop	Two Floors / Shop	Large House / Small Business



FAERS SOLAR COMPLETE SOLUTIONS

RECOMMENDED APPLICATIONS

Component	1 kW Kit	3 kW kit	5 kW kit	10 kW kit	15 kW kit	20 kW kit	30 kW kit
Solar PV Panels	2 × 740W Panels	4 × 740W Panels	7 × 740W Panels	14 × 740W Panels	21 × 740W Panels	28 × 740W	41 × 740W Panels
Inverter Rating	1 kW	3 kW	5 kW	10 kW	15 kW	20 kW	30 kW
Battery Storage	2 kWh	6 kWh	10 kWh	20 kWh	30 kWh	40 kWh	60 kWh
Accessories	Included	Included	Included	Included	Included	Included	Included



HOUSEHOLD LOADS SUPPORTED BY SOLAR SYSTEMS: COMPARISON



1.5KW SYSTEM			3KW SYSTEM			5KW SYSTEM		
BASIC ESSENTIALS			STANDARD HOME + MORE			FULL HOUSEHOLD		
	1X FRIDGE	✓		1X FRIDGE	✓		1X FRIDGE	✓
	6X LIGHT (LED)	✓		8X LIGHT (LED)	✓		12X LIGHT (LED)	✓
	2X FANS	✓		2X FANS	✓		3X FANS	✓
	1X TV	✓		1X TV	✓		2X TV	✓
	1X LAPTOP & ROUTER	✓		2X LAPTOP & ROUTER	✓		3X LAPTOP & ROUTER	✓
				1X AIR CONDITIONER (1 TON)	✓		1X WASHING MACHINE	✓
							1X AIR CONDITIONER (1.5 TON)	✓
							1X DEEP FREEZER	✓
							1X IRON	✓

*NOTE: LOAD SUPPORT DEPENDS ON SIMULTANEOUS USAGE AND SYSTEM EFFICIENTY.