



SOLAR HOME SYSTEMS BUNDLE

**HOME
SERIES**
5kWh - 15kWh

Solar Home Systems Bundle *5 kWh*

ET-4KI-5KB-HSB

5 kWh

5 Year Warranty

4 kVA

HOME SERIES

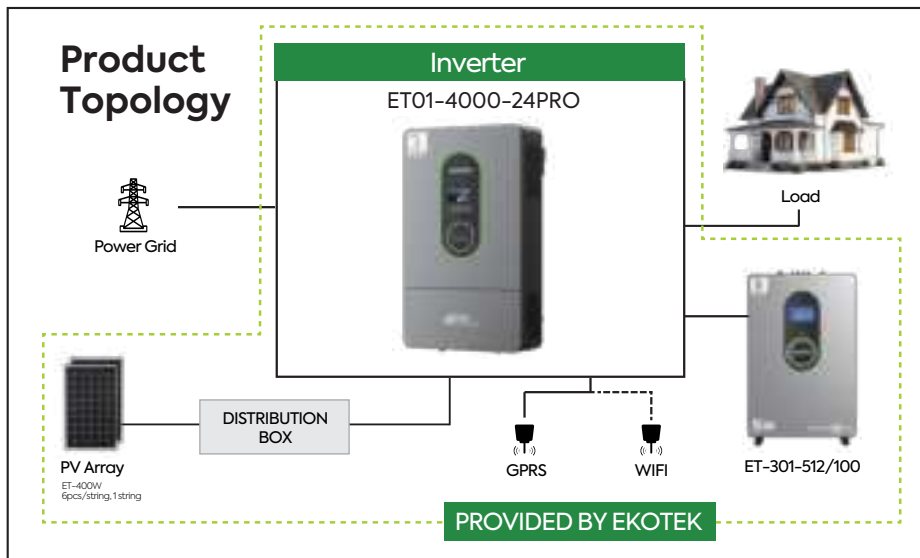


Features

Ekotek provides a complete residential solar home solution, featuring a unified service point. This system supports up to 4kW output, ideal for typical household energy needs. Thoroughly tested, it operates seamlessly to ensure reliability. With an optimal configuration, it offers an excellent cost-performance ratio, making it a smart choice for homeowners looking to harness solar energy efficiently.

Standard Proposal

System Model	Equipment	Remark
ET-4KI-5KB-HSB	PV	2400W
	Inverter	4kVA
	Battery	5kWh



Parallel Connectivity





SOLAR HOME SYSTEM BUNDLE

System Model	Equipment	Model	Unit	Quantity	Remark
ET-4KI-5KB-HSB	PV modules	ET-400W	pcs	6	6pcs/string, 1 string
	Inverter	ET01-4000-24PRO	pcs	1	3P/400V
	Battery	ET-301-512/100	pcs	1	Power cable included
	Connector	MC4	pair	4	
	PV cable	EK-48V-30	meter	30	
	Distribution Box	ET-1W-DB	meter	1	
	Monitoring	WIFI module	pcs	1	Optional
MODEL			ET-4KI-5KB-HSB		
System Parameter					
AC rated power			4kVA/3600W		
Battery capacity			5kWh		
AC voltage			208V/220V/230V/240V		
Rated Grid frequency			50Hz/60Hz		
Inverter Parameter					
Model			ET01-4000-24PRO		
Rated power			3600W		
Frequency			50Hz/60 Hz		
Nominal Voltage			360V		
Max. Efficiency			98.00%		
Max. PV Voltage (V)			500VDC		
Max. PV Wattage (W)			18A / 5000W		
PV Array MPPT Voltage Range			120V-450V		
Max . Solar Input Current			120A		
Dimensions, D x W x H (mm)			510*360*105 mm		
Weight (Kgs)			8.7 kg		
Battery Parameter					
Model			ET-301-512/100		
Battery Type			LiFePO ₄ (LFP)		
Nominal Voltage (V)			51.2V		
Nominal Capacity (WH)			5120 Wh		
Voltage Range (V)			44.8V-56.8V		
Max. Charge/Discharge Current(A)			100A/100A		
Communication			CAN, RS485		
Weight (Kgs)			49kg		
Design Life			> 15 years		
Cycle Life			≥6,000 cycles @ 25°C, 80%DOD		

Solar Home Systems Bundle *10 kWh*

ET-6KI-10KB-HSB

10 kWh

5 Year Warranty

6 kVA

HOME SERIES

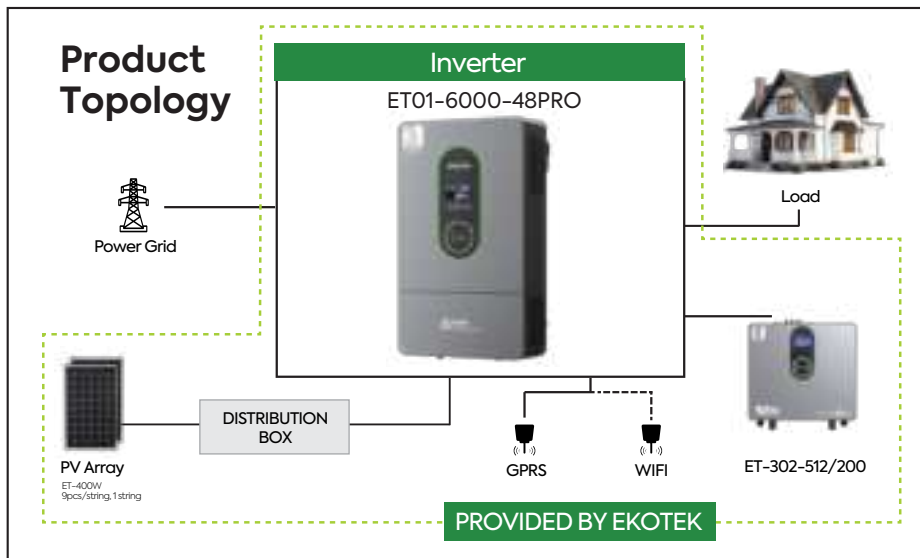


Features

Ekotek provides a complete residential solar home solution, featuring a unified service point. This system supports up to 6kW output, ideal for typical household energy needs. Thoroughly tested, it operates seamlessly to ensure reliability. With an optimal configuration, it offers an excellent cost-performance ratio, making it a smart choice for homeowners looking to harness solar energy efficiently.

Standard Proposal

System Model	Equipment	Remark
ET-6KI-10KB-HSB	PV	3600W
	Inverter	6kVA
	Battery	10kWh



Parallel Connectivity





SOLAR HOME SYSTEM BUNDLE

System Model	Equipment	Model	Unit	Quantity	Remark
ET-6KI-10KB-HSB	PV modules	ET-400W	pcs	9	9pcs/string, 1 string
	Inverter	ET01-6000-48PRO	pcs	1	
	Battery	ET-302-512/200	pcs	1	Power cable included
	Connector	MC4	pair	4	
	PV cable	EK-48V-30	meter	30	
	Distribution Box	ET-1W-DB	meter	1	
	Monitoring	WIFI module	pcs	1	Optional

MODEL

ET-6KI-10KB-HSB

System Parameter

AC rated power	6kVA/5000 W
Battery capacity	10kWh
AC voltage	208V/220V/230V/240V
Rated Grid frequency	50Hz/60Hz

Inverter Parameter

Model	ET01-6000-48PRO
Rated power	5000W
Frequency	50Hz/60 Hz
Nominal Voltage	360V
Max. Efficiency	98.00%
Max. PV Voltage (V)	500VDC
Max. PV Wattage (W)	6000W
PV Array MPPT Voltage Range	120V-450V
Max . Solar Input Current	120A
Dimensions, D x W x H (mm)	510*306*105 mm
Weight (Kgs)	8.7 kg

Battery Parameter

Model	ET-302-512/200
Battery Type	LiFePO ₄ (LFP)
Nominal Voltage (V)	51.2V
Nominal Capacity (WH)	10240 Wh
Voltage Range (V)	44.8V-56.8V
Max. Charge/Discharge Current(A)	100A/100A
Communication	CAN, RS485
Weight (Kgs)	90 kg
Design Life	> 15 years
Cycle Life	≥6,000 cycles @ 25°C, 80%DOD

Solar Home Systems Bundle *15 kWh*

ET-12KI-15KB-HSB

15 KWH

5 Year Warranty

12 KVA

HOME SERIES

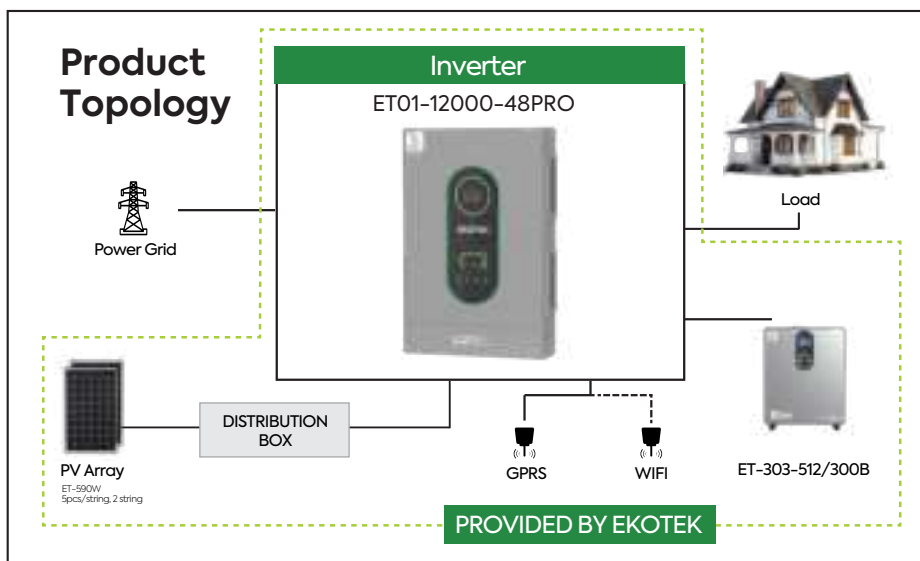


Features

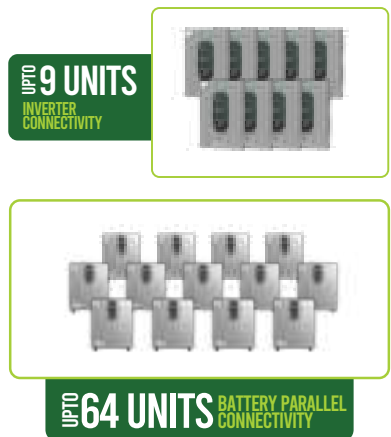
Ekotek provides a complete residential solar home solution, featuring a unified service point. This system supports up to 9kW output, ideal for typical household energy needs. Thoroughly tested, it operates seamlessly to ensure reliability. With an optimal configuration, it offers an excellent cost-performance ratio, making it a smart choice for homeowners looking to harness solar energy efficiently.

Standard Proposal

System Model	Equipment	Remark
ET-12KI-15KB-HSB	PV	5900W
	Inverter	12kVA
	Battery	15kWh



Parallel Connectivity





SOLAR HOME SYSTEM BUNDLE					
System Model	Equipment	Model	Unit	Quantity	Remark
ET-9KI-15KB-HSB	PV modules	ET-590W	pcs	10	5pcs/string, 2 string
	Inverter	ET01-9000-48PRO	pcs	1	
	Battery	ET-303-512/300B	pcs	1	Power cable included
	Connector	MC4	pair	4	
	PV cable	EK-48V-30	meter	30	
	Distribution Box	ET-2W-DB	meter	1	
	Monitoring	WIFI module	pcs	1	Optional
MODEL			ET-12KI-15KB-HSB		
System Parameter					
AC rated power			12kVA/10000W		
Battery capacity			15kWh		
AC voltage			208V/220V/230V/240V		
Rated Grid frequency			50Hz/60Hz		
Inverter Parameter					
Model			ET01-12000-48PRO		
Rated power			10000W		
Frequency			50Hz/60 Hz		
Nominal Voltage			360V		
Max. Efficiency			98.00%		
Max. PV Voltage (V)			500VDC		
Max. PV Wattage (V)			12000W		
PV Array MPPT Voltage Range			60V-450V		
Max . Solar Input Current			120A		
Dimensions, D x W x H (mm)			508*338*136.5 mm		
Weight (Kgs)			10 kg		
Battery Parameter					
Model			ET-303-512/300B		
Battery Type			LiFePO ₄ (LFP)		
Nominal Voltage (V)			51.2V		
Nominal Capacity (WH)			15336 Wh		
Voltage Range (V)			44.8V-56.8V		
Max. Charge/Discharge Current(A)			100A/100A		
Communication			CAN, RS485		
Weight (Kgs)			152 kg		
Design Life			> 15 years		
Cycle Life			≥8,000 cycles @ 25°C, 80%DOD		



EKOTEK ENERGY



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