

Complete Solar PV Kits - Tile Edition

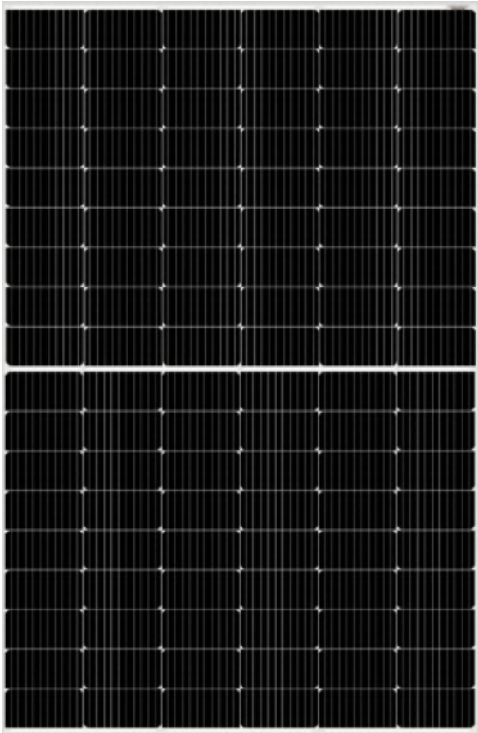


A complete hybrid solar and battery storage system designed for seamless integration with standard tile roofing. Available in six configurations from 5.28kW to 9.68kW, these curated kits remove the guesswork from solar installation by including every component required for a fully operational system.

The Tile Edition features a specialized mounting system for parallel installation, compatible with most tile-roof types.

Each kit includes high-efficiency monocrystalline panels, a hybrid inverter, lithium battery storage, intelligent energy diversion for water heating, and wireless monitoring – everything needed from roof to grid.

Tile Roof Range		SOLARKIT1-TILE-5.28kW	SOLARKIT2-TILE-6.16kW	SOLARKIT3-TILE-7.04kW	SOLARKIT4-TILE-7.92kW	SOLARKIT5-TILE-8.8kW	SOLARKIT6-TILE-9.68kW
		5.28kW	6.16kW	7.04kW	7.92kW	8.8kW	9.68kW
440W Solar Panel	AS7M108NBHC440W	12	14	16	18	20	22
3.6kW Solar Inverter (Hybrid)	S5EH1P3.6KL	1					
5.0kW Solar Inverter (Hybrid)	S5EH1P5KL		1	1	1	1	1
5K LV Battery Module	SOLUNA5KLV	1	1	1	1	1	1
32A DC Isolator	SIS040	1	1	1	1	1	1
40A 4-Pole 2-Strings Firefighter Switch	SIS0H4	1	1	1	1	1	1
EDDI Microgen Energy Diverter	EDDI-16A1P02H	1	1	1	1	1	1
Wireless Energy-Harvesting Sensor	HARVI-65A3PR	1	1	1	1	1	1
125A DC MCB	SL7N125D	1	1	1	1	1	1
Data Logging Stick (Dual Lan + WiFi)	SOLDATA	1	1	1	1	1	1
MC4 Connectors (5-pair Set)	STMC4	1	1	1	1	1	1
32A 3-Pole Isolator	RL0323PMD1	1	1	1	1	1	1
4.0mm ² Single Core Solar Cable Black	4SOLARRED-KU5	50	50	50	50	50	50
4.0mm ² Single Core Solar Cable Red	4SOLARBLACK-KU5	50	50	50	50	50	50
3600mm Rail	ERKR52	8	10	12	12	14	16
Splice for Rail	ERKSFR01	4	8	8	8	12	12
Tile Roof Hook	ERKTRHT15	30	34	38	42	46	50
Mid Clamps	ERKEICB	20	24	28	32	36	40
End Clamps	ERKAECB	8	8	8	8	8	8
Rail End Caps	ERKREC	8	8	8	8	8	8



440W Monocrystalline Solar Module

CODE : AS7M108NBHC440W

This high-efficiency monocrystalline module utilizes innovative N-type TOPCon cell technology to achieve a conversion efficiency of up to 22.53%. Designed for durability, it features a robust aluminum frame capable of withstanding heavy wind (2400Pa) and snow loads (5400Pa). It offers excellent performance in low-light conditions and high resistance to environmental stressors like salt mist and ammonia.

Rated Power (Pmax)	440W
Module Efficiency	22.53%
Cell Type	Monocrystalline N-type (108 cells)
Dimensions	1722 x 1134 x 30 mm
Weight	20.5 kg
Voltage at Pmax (Vmp)	32.6V
Current at Pmax (Imp)	13.50A
Open Circuit Voltage (Voc)	38.8V
Short Circuit Current (Isc)	14.18A
Junction Box Rating	IP68, 3 diodes
Cable Length	300mm (Standard)
Connectors	MC4 or MC4 compatible
Operating Temperature	-40°C to +85°C



Solis S5 Hybrid Inverter (3.6kW / 5kW)

CODES: S5EH1P3.6KL (3.6kW) | S5EH1P5KL (5kW)

The Solis S5 Single Phase Hybrid Inverter is a low-voltage energy storage solution designed to maximize self-consumption and economic benefits. It features an intelligent Energy Management System (EMS) and fanless design for quiet operation and a long lifespan. The inverter supports both lithium-ion and lead-acid batteries and offers uninterruptible power supply (UPS) capability with a reaction time of less than 20ms. It also includes integrated AFCI protection to proactively reduce fire risk and supports remote control and firmware upgrades.

	3.6kW Model (S5-EH1P3.6K-L)	5kW Model (S5-EH1P5K-L)
Rated AC Output Power	3.6 kW	5 kW
Max. Charge/Discharge Power	3 kW	5 kW
Max. Charge/Discharge Current	62.5 A	100 A
Recommended Max. PV Array	7.2 kW	8 kW (Usable Input)
Max. Input Voltage (PV)	600 V	600 V
MPPT Voltage Range	90-520 V	90-520 V
Battery Type Compatibility	Li-ion / Lead-acid (48V)	Li-ion / Lead-acid (48V)
Battery Voltage Range	42 - 58 V	42 - 58 V
Rated Grid Output Current	15.7 A / 16.4 A	21.7 A / 22.8 A
Dimensions (W x H x D)	333 x 505 x 249 mm	333 x 505 x 249 mm
Weight	17.9 kg	18.1 kg
Protection Rating	IP65	IP65
Communication	RS485 (Std), Wi-Fi/GPRS (Opt)	RS485 (Std), Wi-Fi/GPRS (Opt)



Soluna EOS 5K Battery Pack

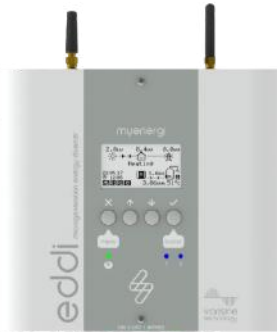
CODE : SOLUNA5KLV

The Soluna EOS 5K Pack is a 48V Lithium Iron Phosphate (LiFePO4) battery designed for safety and longevity in residential and small commercial applications. It features a compact, modular design that supports floor-standing, wall-mounted, or rack-mounted installation. Each 5.12 kWh unit includes an intelligent Battery Management System (BMS) and can be connected in parallel (up to 8 units) to scale storage capacity up to 40 kWh. It offers a high depth of discharge (90%) and is rated for a 6000-cycle lifespan.

Nominal Capacity	5.12 kWh
Nominal Voltage	51.2 V
Battery Technology	Lithium LFP (LiFePO4)
Dimensions (H x W x D)	595 x 438 x 165 mm
Weight	60 kg
Depth of Discharge (DoD)	0.9
Max. Charge/Discharge Current	100 A
Scalability	Up to 8 units in parallel (40 kWh)
Cycle Life	6000 cycles
Communication	CAN, RS485
IP Rating	IP54
Operating Temperature	-10°C to +50°C

eddi Solar Power Diverter

CODE : EDDI-16A1P02H



The eddi is an intelligent solar power diverter designed to help homeowners maximize the use of their self-generated solar PV or wind energy. Instead of exporting excess power back to the grid, the eddi diverts that energy directly to heating systems, such as an immersion heater, allowing you to heat water using 100% self-generated green energy. This helps you to make the most of your free power generation.

Function	Solar Power Diverter
Rated Input Power	3.68 kW
Rated Supply Voltage	230V AC Single Phase (+/- 10%)
Rated Current	16A
Generator Size Supported	No limit (subject to 100A per-phase grid supply)
Heater Load Size	100W min. / 3.68kW max.
Dimensions (excl. bracket)	220 x 205 x 87 mm
Weight (excl. bracket)	4.3 kg
Protection Degree	IP20
Operating Temperature	-20°C to +40°C
Wireless Interface	868 MHz (for sensor/monitoring options)
Standby Power	3W

harvi Energy Harvesting Wireless Sensor



CODE : HARVI-65A3PR

The harvi is an intelligent device that simplifies the installation of *myenergi* products like zappi and eddi, saving both time and money. It eliminates the need for unsightly wiring and avoids disruption to home décor by preventing the need to lift up floorboards. This sensor allows the main products to be installed without a hardwired Current Transformer (CT) for measuring grid and/or generation power. Uniquely, harvi requires no batteries or external power source, as it harvests the necessary energy directly from the CT signal to transmit its measurement data wirelessly.

Purpose	Enables myenergi products (zappi/eddi) to use a wireless CT
Power Source	Energy harvested from the Current Transformer (CT)
Wiring Required	None (eliminates electrical wiring and batteries)
Compatibility	Fully compliant with worldwide power grid standards

Electrical Accessories

		
40A 4-Pole 2-Strings Firefighter Switch	32A DC Isolator	125A DC MCB
CODE : SIS0H4	CODE : SIS040	CODE : SL7N125D

		
Data Logging Stick (Dual Lan + WiFi)	32A 3-Pole Isolator	MC4 Connectors (5-pair Set)
CODE : SOLDATA	CODE : RL0323PMD1	CODE : STMC4

	
4.0mm² Single Core Solar Cable Black	4.0mm² Single Core Solar Cable Red
CODE : 4SOLARBLACK-KU5	CODE : 4SOLARRED-KU5

Mounting Accessories

		
3600mm Rail	Splice for Rail	Tile Roof Hook
CODE : ERKR52	CODE : ERKSFR01	CODE : ERKTRHT15

		
Mid Clamp	End Clamp	Rail End Cap
CODE : ERKEICB	CODE : ERKAECB	CODE : ERKREC