

PRODUCT CATALOGUE

SHARK SERIES SOLAR HYBRID INVERTERS 2026



The EURONET SHARK Series delivers reliable solar hybrid inverter power across five models from 2kVA to 11kW at 12V, 24V, and 48V. Built with pure sine wave output and MPPT solar charging, each unit supports both lithium and lead-acid batteries, feed-in to grid, and WiFi monitoring for residential, commercial, and off-grid solar installations. ISO 9001:2015 certified and CE marked, the range is distributed across the Middle East, Africa, and Central Asia through EURONET's global partner network.

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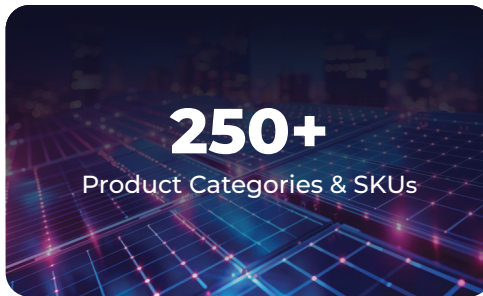
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Sales Support and
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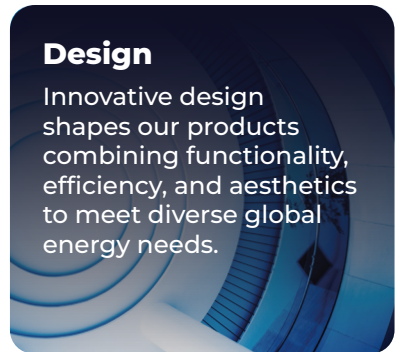
250+

Product Categories & SKUs



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to meet diverse global
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Certified to meet
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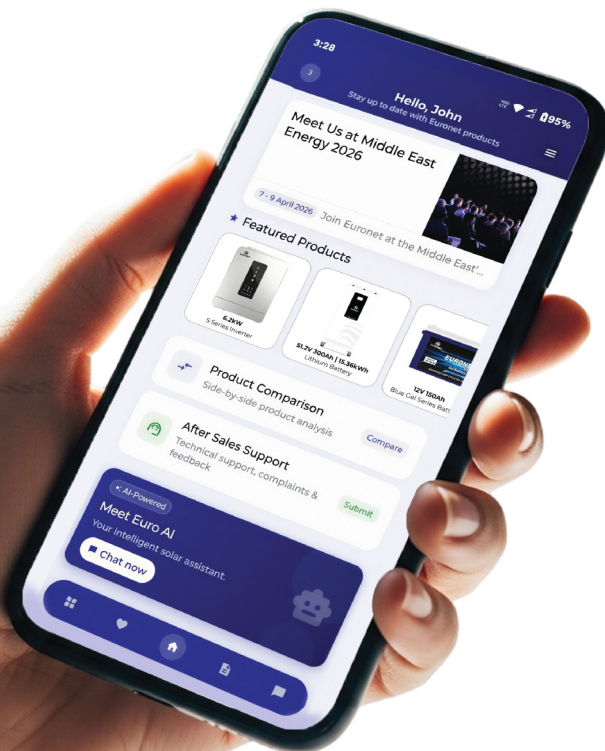
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SHARK Series Solar Hybrid Catalogue 2026

Solar hybrid inverters with MPPT charging for residential, commercial, and off-grid solar

SHARK Series

- 2kVA 12VDC Solar Hybrid Inverter	_____	Page 1
- 3.2kW 24VDC Solar Hybrid Inverter	_____	Page 2
- 4.2kW 24VDC Solar Hybrid Inverter	_____	Page 3
- 6.2kW 48VDC Solar Hybrid Inverter	_____	Page 4
- 11kW 48VDC Solar Hybrid Inverter	_____	Page 5

2000VA SOLAR HYBRID INVERTER

Compact 12V solar hybrid inverter for residential backup and small off-grid systems.



RATED POWER
2000VA / 1500W

BATTERY VOLTAGE
12 VDC

SURGE POWER
3000VA

MAX PV ARRAY POWER
2000W

MAX CHARGE CURRENT
100A

PEAK EFFICIENCY
93%

OVERVIEW

The EURONET E-SK212V1 is a 2000VA / 1500W 12VDC solar hybrid inverter with built-in MPPT solar charging, designed for residential backup and small off-grid systems. It delivers pure sine wave output, Supports lithium battery BMS communication and lead-acid battery compatibility, and accepts a Wide PV Input Range Starting at 30VDC. With a 3000VA surge rating, feed-in-to-grid capability, and WiFi monitoring, it provides flexible energy management in a compact 90 x 288 x 357mm enclosure weighing 6.5kg.

KEY FEATURES

Wide PV Input Range Starting at 30VDC

Solar input starting at 30VDC for flexible array sizing and early-morning energy harvesting

BMS Communication Port

Built-in port for full integration with lithium and lead-acid battery management systems

Feed-in to Grid

Built-in grid feed-in function exports surplus solar energy back to the utility grid

100A Maximum Charging

High maximum charge current for fast battery replenishment from solar and AC sources

Battery Equalization

Battery independent design with equalization to optimize performance and extend lifecycle

Built-in Anti-Dust Kit

Detachable dust cover protects internal components in dusty field environments

TECHNICAL NOTE

Model E-SK212V1. Rated power 2000VA / 1500W. Output 1500W with PV & battery, 1200W battery only. AC output: single. Input 230VAC, selectable range 170-280VAC (PC) / 90-280VAC (home appliances), 50/60Hz auto-sensing. AC voltage regulation 230VAC $\pm 5\%$ (battery mode). Surge 3000VA. Peak efficiency 93%. Transfer time 10ms (PC) / 20ms (home appliances). Pure sine wave. Battery 12VDC, float 13.5VDC, overcharge protection 16VDC. MPPT charger; max PV open circuit voltage 350VDC; max PV array power 2000W; max PV input current 13A; MPP range 30-300VDC (30~60VDC with battery connected); max solar charge 100A; max AC charge 80A; max charge 100A. Dimensions (D x W x H) 90 x 288 x 357mm. Net weight 6.5kg. Communication RS232/RS485(BMS)/WiFi. Humidity 5-95%, RH non-condensing. Operating temp -10°C to 50°C. Storage -15°C to 60°C. Specs subject to change.

3200W SOLAR HYBRID INVERTER

24V solar hybrid inverter for home and small commercial solar power.



RATED POWER
3200VA / 3000W

BATTERY VOLTAGE
24 VDC

SURGE POWER
6000VA

MAX PV ARRAY POWER
3000W

MAX CHARGE CURRENT
100A

PEAK EFFICIENCY
93%

OVERVIEW

The EURONET E-SK3224V1 is a 3200VA / 3000W 24VDC solar hybrid inverter for homes and small commercial solar installations. Operating at 24V with a 6000VA surge rating, it offers higher power than the 12V model while retaining pure sine wave output, MPPT solar charging, BMS communication for lithium and lead-acid batteries, and feed-in-to-grid capability. A wide 30VDC PV input and WiFi monitoring make it a versatile choice for everyday residential and light commercial backup.

KEY FEATURES

Wide PV Input Range Starting at 30VDC

Solar input starting at 30VDC for flexible array sizing and early-morning energy harvesting

BMS Communication Port

Built-in port for full integration with lithium and lead-acid battery management systems

Feed-in to Grid

Built-in grid feed-in function exports surplus solar energy back to the utility grid

100A Maximum Charging

High maximum charge current for fast battery replenishment from solar and AC sources

Battery Equalization

Battery independent design with equalization to optimize performance and extend lifecycle

Built-in Anti-Dust Kit

Detachable dust cover protects internal components in dusty field environments

TECHNICAL NOTE

Model E-SK3224V1. Rated power 3200VA / 3000W. Output 3000W with PV & battery, 2500W battery only. AC output: single. Input 230VAC, selectable range 170-280VAC (PC) / 90-280VAC (home appliances), 50/60Hz auto-sensing. AC voltage regulation 230VAC $\pm 5\%$ (battery mode). Surge 6000VA. Peak efficiency 93%. Transfer time 10ms (PC) / 20ms (home appliances). Pure sine wave. Battery 24VDC, float 27VDC, overcharge protection 32VDC. MPPT charger; max PV open circuit voltage 450VDC; max PV array power 3000W; max PV input current 13A; MPP range 30~400VDC (30~60VDC with battery connected); max solar charge 100A; max AC charge 80A; max charge 100A. Dimensions (D x W x H) 90 x 288 x 357mm. Net weight 7.0kg. Communication RS232/RS485(BMS)/WiFi. Humidity 5-95%, RH non-condensing. Operating temp -10°C to 50°C. Storage -15°C to 60°C. Specs subject to change.

4200W SOLAR HYBRID INVERTER

Dual-output 24V solar hybrid inverter for larger homes and light commercial loads.



RATED POWER
4200VA / 4200W

BATTERY VOLTAGE
24 VDC

SURGE POWER
8400VA

MAX PV ARRAY POWER
5000W

MAX CHARGE CURRENT
120A

PEAK EFFICIENCY
93%

OVERVIEW

The EURONET E-SK4224V1 is a 4200VA / 4200W 24VDC solar hybrid inverter with dual AC outputs, built for larger homes and light commercial loads. It supports a 5000W PV array, 120A maximum charging, and an 8400VA surge for demanding startup loads. Pure sine wave output, MPPT solar charging, BMS communication for lithium and lead-acid batteries, wide 30VDC PV input, and feed-in-to-grid capability make it a high-performance hybrid solution for growing energy needs.

KEY FEATURES

Dual AC Outputs

Two configurable AC outputs for prioritized and flexible load management

Wide PV Input Range Starting at 30VDC

Solar input starting at 30VDC for flexible array sizing and early energy harvesting

BMS Communication Port

Built-in port for full integration with lithium and lead-acid battery management systems

120A Maximum Charging

High maximum charge current for rapid battery replenishment from solar and AC sources

Feed-in to Grid

Built-in grid feed-in function exports surplus solar energy back to the utility grid

Battery Equalization

Battery independent design with equalization to optimize performance and extend lifecycle

TECHNICAL NOTE

Model E-SK4224V1. Rated power 4200VA / 4200W. Output 4200W with PV & battery, 4000W battery only. AC output: dual outputs. Input 230VAC, selectable range 170-280VAC (PC) / 90-280VAC (home appliances), 50/60Hz auto-sensing. AC voltage regulation 230VAC $\pm 5\%$ (battery mode). Surge 8400VA. Peak efficiency 93%. Transfer time 10ms (PC) / 20ms (home appliances). Pure sine wave. Battery 24VDC, float 27VDC, overcharge protection 32VDC. MPPT charger; max PV open circuit voltage 450VDC; max PV array power 5000W; max PV input current 18A; MPP range 30~450VDC (30~60VDC with battery connected); max solar charge 120A; max AC charge 100A; max charge 120A. Dimensions (D x W x H) 90 x 288 x 357mm. Net weight 9kg. Communication RS232/RS485(BMS)/WiFi. Humidity 5-95%, RH non-condensing. Operating temp -10°C to 50°C. Storage -15°C to 60°C. Specs subject to change.

6200W SOLAR HYBRID INVERTER

Dual-output 48V solar hybrid inverter for commercial solar and high-power backup.



RATED POWER
6200VA / 6200W

BATTERY VOLTAGE
48 VDC

SURGE POWER
12400VA

MAX PV ARRAY POWER
6500W

MAX CHARGE CURRENT
100A

PEAK EFFICIENCY
93%

OVERVIEW

The EURONET E-SK6248V1 is a 6200VA / 6200W 48VDC solar hybrid inverter with dual AC outputs, engineered for commercial solar and high-power backup. The higher 48V battery architecture reduces cable losses, while a 6500W PV array capacity and 12400VA surge handle demanding loads. It features MPPT solar charging with a wide PV input from 90VDC, BMS communication for lithium and lead-acid batteries, pure sine wave output, feed-in-to-grid capability, and WiFi monitoring.

KEY FEATURES

Dual AC Outputs

Two configurable AC outputs for prioritized and flexible load management

Wide PV Input from 90VDC

Higher-voltage PV input optimized for larger commercial solar arrays

BMS Communication Port

Built-in port for full integration with lithium and lead-acid battery management systems

100A Maximum Charging

High maximum charge current for fast battery replenishment from solar and AC sources

Feed-in to Grid

Built-in grid feed-in function exports surplus solar energy back to the utility grid

Battery Equalization

Battery independent design with equalization to optimize performance and extend lifecycle

TECHNICAL NOTE

Model E-SK6248V1. Rated power 6200VA / 6200W. Output 6200W with PV & battery, 5000W battery only. AC output: dual outputs. Input 230VAC, selectable range 170-280VAC (PC) / 90-280VAC (home appliances), 50/60Hz auto-sensing. AC voltage regulation 230VAC $\pm$ 5% (battery mode). Surge 12400VA. Peak efficiency 93%. Transfer time 10ms (PC) / 20ms (home appliances). Pure sine wave. Battery 48VDC, float 54VDC, overcharge protection 63VDC. MPPT charger; max PV open circuit voltage 500VDC; max PV array power 6500W; max PV input current 18A; MPP range 90~450VDC (Min. 100VDC without battery connected); max solar charge 100A; max AC charge 100A; max charge 100A. Dimensions (D x W x H) 90 x 288 x 357mm. Net weight: 10.4KGs. Communication RS232/RS485(BMS)/WiFi. Humidity 5-95%, RH non-condensing. Operating temp -10°C to 50°C. Storage -15°C to 60°C. Specs subject to change.

11000W SOLAR HYBRID INVERTER

High-power 48V solar hybrid inverter with 6-unit parallel for commercial and industrial solar.



RATED POWER
11000VA / 11000W

BATTERY VOLTAGE
48 VDC

SURGE POWER
22000VA

MAX PV ARRAY POWER
11000W

MAX CHARGE CURRENT
150A

PEAK EFFICIENCY
93%

OVERVIEW

The EURONET E-SK1148V1 is the flagship of the SHARK Series, an 11000VA / 11000W 48VDC solar hybrid inverter built for commercial and industrial solar installations. It connects two independent AC power sources with automatic switching, supports parallel operation of up to 6 units, and delivers an 11000W (5500W x 2) PV array capacity with a 22000VA surge. RGB status indication, built-in WiFi, USB On-the-Go, a replaceable fan design, and dry-contact communication provide advanced monitoring and serviceability for large-scale energy management.

KEY FEATURES

Dual AC Inputs Auto-Switch

Two independent AC power sources connected and switched automatically

6-Unit Parallel Operation

Scale total system power by connecting up to six inverters in parallel

Adjustable Dual-Source Charging

Charging current for two different power sources is configurable via LCD and mobile app

RGB Status Indication

Colour-coded status lights provide clear at-a-glance system feedback

Built-in WiFi & USB OTG

Mobile monitoring with Android / iOS app support and USB On-the-Go function

Replaceable Fan Design

Field-replaceable fan for simplified maintenance and extended service life

TECHNICAL NOTE

Model E-SK1148V1. Rated power 11000VA / 11000W. Parallel capability: YES, 6 units. Input 230VAC, selectable range 170-280VAC (PC) / 90-280VAC (home appliances), 50/60Hz auto-sensing. AC voltage regulation 230VAC $\pm$ 5% (battery mode). Surge 22000VA. Peak efficiency 93%. Transfer time 10ms (PC) / 20ms (home appliances). Pure sine wave. Battery 48VDC, float 54VDC, overcharge protection 63VDC. MPPT charger; max PV array power 11000W (5500W x 2); MPPT range 90~450VDC; max PV open circuit voltage 500VDC; max PV input current 27A x 2 (MAX 40A); max solar charge 150A; max AC charge 150A; max charge 150A. Dimensions (D x W x H) 147.4 x 432.5 x 553.6mm. Net weight 18.4kg. Communication USB/RS232/RS485/WiFi/Dry-contact. Humidity 5-95%, RH non-condensing. Operating temp -10°C to 50°C. Storage -15°C to 60°C. Compliance: CE. Specs subject to change.



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