

PRODUCT CATALOGUE

MODIFIED INVERTER (BLUE)

2026



The EURONET Modified Inverter (Blue) range converts 12V and 24V DC battery power into 220VAC for off-grid solar, wind, vehicle, marine, and portable applications. Spanning 500W to 5000W with surge (peak) power up to twice the rated output, every model is a modified sine wave inverter with automatic 50/60Hz conversion, an LCD status display with 5V USB output, a full protection suite, and an intelligent temperature-controlled cooling fan. Battery-friendly alarms and low-voltage cut-off protect connected lead-acid or lithium batteries. Certified to ISO 9001:2015 with CB, CE, IEC, and SASO/SABER conformity for the GCC and international markets.

POWERING PROGRESS ACROSS THE GLOBE

3000+
Distributors

15+
Industries

60+
Countries & Regions

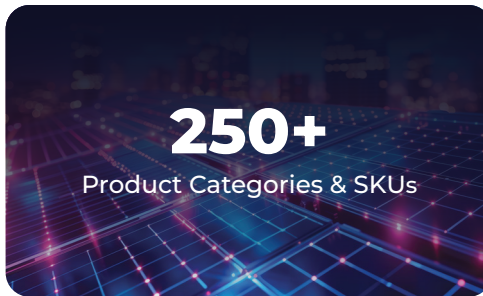
24/7 Intelligent Assistance

Sales Support and
After Sales Support



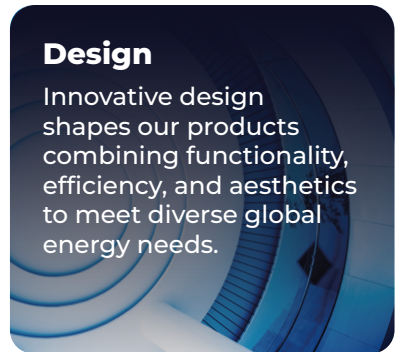
250+

Product Categories & SKUs



Design

Innovative design
shapes our products
combining functionality,
efficiency, and aesthetics
to meet diverse global
energy needs.



Globally Certified Excellence

Certified to meet
global standards



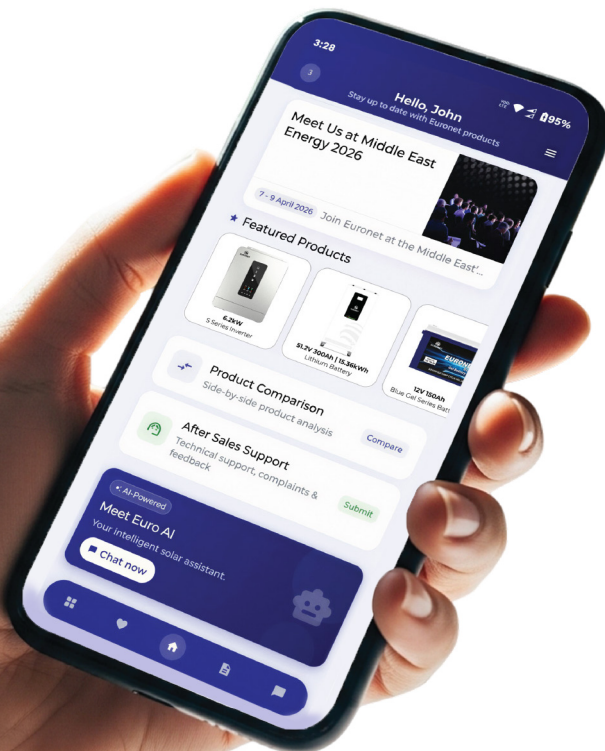
One Stop Ecosystem

Complete digital
ecosystem



20+

Years of Excellence



Download the myEuronet App

myEuronet is the official app for Euronet customers, distributors, installers, and partners, giving you instant access to Euronet's complete smart energy and technology ecosystem in one place. Explore product Catalogues, compare solutions, access detailed specifications, save products, and stay updated with the latest innovations across solar energy, batteries, power & electrical, security, surveillance, and IoT solutions anytime, anywhere.

Scan the QR Code to Download the App



Download on the
App Store

GET IT ON
Google Play

Modified Inverter (Blue) Catalogue 2026

DC-to-AC modified sine wave inverters for off-grid, vehicle, marine, and portable use

Modified Inverter (Blue)

- Modified Inverter (Blue) 500W	Page 1
- Modified Inverter (Blue) 1000W	Page 2
- Modified Inverter (Blue) 2000W	Page 3
- Modified Inverter (Blue) 3000W	Page 4
- Modified Inverter (Blue) 5000W	Page 5

MODIFIED INVERTER (BLUE) 500W

Compact 12V DC-to-AC inverter with 1000W surge for portable and small off-grid use



RATED OUTPUT POWER 500W	PEAK (SURGE) POWER 1000W
INPUT VOLTAGE 12V DC	OUTPUT 220VAC ±10%
WAVEFORM Modified Sine	EFFICIENCY 90–93%

OVERVIEW

A compact modified-sine-wave Modified Inverter delivering 500W continuous and 1000W peak output from a 12V DC battery source. Encased in a rugged (Blue) Series housing, it is ideal for portable power, small off-grid systems, vehicles, and electric tools. It features smart thermal management and an advanced multi-protection safety suite against overloads, short circuits, and overheating. Engineered for reliable everyday AC needs, this high-efficiency unit meets strict global CE, IEC, and ISO quality standards.

KEY FEATURES

Surge-Ready Output

Peak (surge) power of twice the rated output handles motor and compressor start-up loads with ease.

Automatic 50/60Hz

Automatic frequency conversion outputs a stable 220VAC at 50Hz or 60Hz for broad appliance compatibility.

LCD Display & USB

A clear LCD shows battery voltage, capacity, output voltage, frequency, and load level, with a 5V USB port.

Full Protection Suite

Protects against overload, short circuit, over-temperature, battery over/under-voltage, and reverse polarity.

Smart Thermal Cooling

An intelligent temperature-controlled fan runs only when needed, reducing noise and extending component life.

Lead-Acid or Lithium

Works with both lead-acid and lithium batteries, with low-battery alarm and automatic low-voltage cut-off.

TECHNICAL NOTE

Rated output 500W, peak (surge) power 1000W. Input 12VDC (9.6–15.5V); 220VAC ±10%, 50/60Hz modified sine wave output; peak efficiency 90–93%. Conversion capability: 12V battery only mode (100% max). Battery type: lead-acid or lithium. Protections: battery over/under-voltage, over-temperature, output short circuit, and output overload; reverse polarity (blown fuse). LCD display with 5V USB; intelligent temperature-controlled fan. Operating temperature -10°C to 50°C (derate 10% per °C above 40°C); humidity 5–95% RH (non-condensing). Packaging size 22 × 14.5 × 6 cm.

MODIFIED INVERTER (BLUE) 1000W

12V/24V DC-to-AC inverter with 2000W surge for off-grid, vehicle, and marine use



RATED OUTPUT POWER 1000W	PEAK (SURGE) POWER 2000W
INPUT VOLTAGE 12V / 24V DC	OUTPUT 220VAC ±10%
WAVEFORM Modified Sine	EFFICIENCY 90–93%

OVERVIEW

A compact modified-sine-wave Modified Inverter delivering 1000W continuous and 2000W peak output from 12V or 24V DC battery setups. Encased in a rugged (Blue) Series housing, it serves as the ultimate energy solution for off-grid solar or wind systems, vehicles, ships, and portable power applications. The unit features smart thermal management via an automatic cooling fan and a multi-protection safety suite safeguarding against overloads, voltage drops, short circuits, and overheating. Engineered for demanding mobile AC needs.

KEY FEATURES

Surge-Ready Output
Peak (surge) power of twice the rated output handles motor and compressor start-up loads with ease.

Automatic 50/60Hz
Automatic frequency conversion outputs a stable 220VAC at 50Hz or 60Hz for broad appliance compatibility.

LCD Display & USB
A clear LCD shows battery voltage, capacity, output voltage, frequency, and load level, with a 5V USB port.

Full Protection Suite
Protects against overload, short circuit, over-temperature, battery over/under-voltage, and reverse polarity.

Smart Thermal Cooling
An intelligent temperature-controlled fan runs only when needed, reducing noise and extending component life.

Lead-Acid or Lithium
Works with both lead-acid and lithium batteries, with low-battery alarm and automatic low-voltage cut-off.

TECHNICAL NOTE

Rated output 1000W, peak (surge) power 2000W. Input 12VDC / 24VDC (auto) (9.6–15.5V / 9.6–30.5V); 220VAC ±10%, 50/60Hz modified sine wave output; peak efficiency 90–93%. Conversion capability: 12V mode 80% max / 24V mode 100% max. Battery type: lead-acid or lithium. Protections: battery over/under-voltage, over-temperature, output short circuit, and output overload; reverse polarity (blown fuse). LCD display with 5V USB; intelligent temperature-controlled fan. Operating temperature -10°C to 50°C (derate 10% per °C above 40°C); humidity 5–95% RH (non-condensing). Packaging size 26 × 19.5 × 7.5 cm.

MODIFIED INVERTER (BLUE) 2000W

12V/24V DC-to-AC inverter with 4000W surge for mid-size off-grid and backup loads



RATED OUTPUT POWER 2000W	PEAK (SURGE) POWER 4000W
INPUT VOLTAGE 12V / 24V DC	OUTPUT 220VAC ±10%
WAVEFORM Modified Sine	EFFICIENCY 90–93%

OVERVIEW

A compact modified-sine-wave Modified Inverter delivering 2000W continuous and 4000W peak output from 12V or 24V DC battery setups. Encased in a rugged (Blue) Series housing, it serves as the ultimate energy solution for mid-size off-grid systems, backup power, vehicles, and demanding portable loads. The unit features smart thermal management via an automatic cooling fan and a multi-protection safety suite safeguarding against overloads, voltage drops, short circuits, and overheating.

KEY FEATURES

Surge-Ready Output Peak (surge) power of twice the rated output handles inductive loads and motor start-up demands.	Automatic 50/60Hz Automatic frequency conversion outputs a stable 220VAC at 50Hz or 60Hz for broad appliance compatibility.
LCD Display & USB A clear LCD shows battery voltage, capacity, output voltage, frequency, and load level, with a 5V USB port.	Full Protection Suite Protects against overload, short circuit, over-temperature, battery over/under-voltage, and reverse polarity.
Smart Thermal Cooling An intelligent temperature-controlled fan runs only when needed, reducing noise and extending component life.	Lead-Acid or Lithium Works with both lead-acid and lithium batteries, with low-battery alarm and automatic low-voltage cut-off.

TECHNICAL NOTE

Rated output 2000W, peak (surge) power 4000W. Input 12VDC / 24VDC (auto) (9.6–15.5V / 9.6–30.5V); 220VAC ±10%, 50/60Hz modified sine wave output; peak efficiency 90–93%. Conversion capability: 12V mode 80% max / 24V mode 100% max. Battery type: lead-acid or lithium. Protections: battery over/under-voltage, over-temperature, output short circuit, and output overload; reverse polarity (blown fuse). LCD display with 5V USB; intelligent temperature-controlled fan. Operating temperature -10°C to 50°C (derate 10% per °C above 40°C); humidity 5–95% RH (non-condensing). Unit size 280 × 188 × 110 mm; packaging size 32 × 24 × 13 cm.

MODIFIED INVERTER (BLUE) 3000W

12V/24V DC-to-AC inverter with 6000W surge for larger off-grid and backup systems



RATED OUTPUT POWER

3000W

PEAK (SURGE) POWER

6000W

INPUT VOLTAGE

12V / 24V DC

OUTPUT

220VAC $\pm$ 10%

WAVEFORM

Modified Sine

EFFICIENCY

90-93%

OVERVIEW

A compact modified-sine-wave Modified Inverter delivering 3000W continuous and 6000W peak output from 12V or 24V DC battery setups. Encased in a rugged (Blue) Series housing, it serves as the ultimate energy solution for larger off-grid solar and wind systems, backup power, and heavy portable loads. The unit features smart thermal management via an automatic cooling fan and a multi-protection safety suite safeguarding against overloads, voltage drops, short circuits, and overheating.

KEY FEATURES

Surge-Ready Output

Peak (surge) power of twice the rated output handles motor and compressor start-up loads with ease.

Automatic 50/60Hz

Automatic frequency conversion outputs a stable 220VAC at 50Hz or 60Hz for broad appliance compatibility.

LCD Display & USB

A clear LCD shows battery voltage, capacity, output voltage, frequency, and load level, with a 5V USB port.

Full Protection Suite

Protects against overload, short circuit, over-temperature, battery over/under-voltage, and reverse polarity.

Smart Thermal Cooling

An intelligent temperature-controlled fan runs only when needed, reducing noise and extending component life.

Lead-Acid or Lithium

Works with both lead-acid and lithium batteries, with low-battery alarm and automatic low-voltage cut-off.

TECHNICAL NOTE

Rated output 3000W, peak (surge) power 6000W. Input 12VDC / 24VDC (auto) (9.6-15.5V / 9.6-30.5V); 220VAC $\pm$ 10%, 50/60Hz modified sine wave output; peak efficiency 90-93%. Conversion capability: 12V mode 80% max / 24V mode 100% max. Battery type: lead-acid or lithium. Protections: battery over/under-voltage, over-temperature, output short circuit, and output overload; reverse polarity (blown fuse). LCD display with 5V USB; intelligent temperature-controlled fan. Operating temperature -10°C to 50°C (derate 10% per °C above 40°C); humidity 5-95% RH (non-condensing). Unit size 310 × 188 × 110 mm; packaging size 37 × 24 × 13 cm.

MODIFIED INVERTER (BLUE) 5000W

12V/24V DC-to-AC inverter with 10000W surge, the flagship of the (Blue) range



RATED OUTPUT POWER 5000W	PEAK (SURGE) POWER 10000W
INPUT VOLTAGE 12V / 24V DC	OUTPUT 220VAC ±10%
WAVEFORM Modified Sine	EFFICIENCY 90–93%

OVERVIEW

A flagship modified-sine-wave Modified Inverter delivering 5000W continuous and 10000W peak output from 12V or 24V DC battery setups. Encased in a rugged (Blue) Series housing, it is engineered for large off-grid systems, high-power backup, and demanding high-power loads. The unit features smart thermal management via an automatic cooling fan and a multi-protection safety suite safeguarding against overloads, voltage drops, short circuits, and overheating.

KEY FEATURES

Surge-Ready Output Peak (surge) power of twice the rated output handles motor and compressor start-up loads with ease.	Automatic 50/60Hz Automatic frequency conversion outputs a stable 220VAC at 50Hz or 60Hz for broad appliance compatibility.
LCD Display & USB A clear LCD shows battery voltage, capacity, output voltage, frequency, and load level, with a 5V USB port.	Full Protection Suite Protects against overload, short circuit, over-temperature, battery over/under-voltage, and reverse polarity.
Smart Thermal Cooling An intelligent temperature-controlled fan runs only when needed, reducing noise and extending component life.	Lead-Acid or Lithium Works with both lead-acid and lithium batteries, with low-battery alarm and automatic low-voltage cut-off.

TECHNICAL NOTE

Rated output 5000W, peak (surge) power 10000W. Input 12VDC / 24VDC (auto) (9.6–15.5V / 9.6–30.5V); 220VAC ±10%, 50/60Hz modified sine wave output; peak efficiency 90–93%. Conversion capability: 12V mode 80% max / 24V mode 100% max. Battery type: lead-acid or lithium. Protections: battery over/under-voltage, over-temperature, output short circuit, and output overload; reverse polarity (blown fuse). LCD display with 5V USB; intelligent temperature-controlled fan. Operating temperature -10°C to 50°C (derate 10% per °C above 40°C); humidity 5–95% RH (non-condensing). Unit size 350 × 188 × 110 mm; packaging size 44 × 26 × 15 cm.



Engineered for Performance. Built for Reliability

Delivering innovative power, energy storage, security, and technology solutions designed for efficiency, durability, and long-term value

Certifications & Standards

**CB
MARKED**

International Safety
Certification

**CE
MARKED**

European Conformity
Marked

**IEC
COMPLIANT**

International
Electrotechnical Commission

**ISO
9001:2015**

Quality
Management

Power Beyond

Efficient · Intelligent · Reliable

www.euronet.co