E-PRO3KW230V-IP65

EURONET GEN-5 PRO SERIES INVERTER – 3kW

Single-Phase Hybrid Inverter | 24V Battery | IP65



RATED OUTPUT POWER **3000W**	BATTERY VOLTAGE **24V DC**
MAX PV INPUT POWER **4500W**	MPPT VOLTAGE RANGE **60V–450V DC**
MAX CHARGING CURRENT **100A**	INGRESS PROTECTION **IP65**

OVERVIEW

The EURONET E-PRO3KW230V-IP65 is a 3kW single-phase hybrid solar inverter from the Gen-5 PRO Series that brings solar, grid and battery power together in one compact, IP65-rated unit for homes. It runs on a 24V DC battery with up to 100A of solar or AC charging, while a single MPPT tracker (60V–450V DC) accepts up to 4500W of PV power. Pure sine wave 220/230/240V AC output, two independent AC inputs and outputs, built-in Wi-Fi, touchscreen control and CT support make daily energy management simple. The 3kW model supports off-grid and hybrid operation.

KEY FEATURES

Off-Grid & Hybrid Operation
Runs off-grid or hybrid on solar, grid and battery; grid-tied feed-in is not supported on the 3kW model

Single MPPT, 60V–450V DC
One MPPT tracker with 18A maximum input current accepts up to 4500W of PV power at 500V DC maximum

100A Solar & AC Charging
24V DC battery charged at up to 100A from solar or from AC, with up to 3000W maximum charging power

Two Independent AC Inputs
Two independent AC inputs and two AC outputs give flexible load management and power source control

Wi-Fi Monitoring & Touchscreen
Built-in Wi-Fi for remote monitoring, plus an intuitive touchscreen for set-up and live status

Current Transformer Support
Works with external current transformers for smart power flow control and improved self-consumption

TECHNICAL NOTE

E-PRO3KW230V-IP65: 3000W rated output, 24V DC battery, 100A maximum solar / AC charging (3000W). One MPPT tracker, 60V–450V DC, 18A, 500V DC maximum, 4500W maximum PV input, 90V / 120V DC start-up / initial feeding. AC input 90V–280V AC (APL) or 170V–280V AC (UPS), 16A maximum. Output 220/230/240V AC pure sine wave, 93% in battery mode. Off-grid and hybrid operation only; no parallel function. IP65, -10°C to 50°C.

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified

E-PRO3KW230V-IP65

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	E-PRO3KW230V-IP65
Series	Gen-5 PRO Series
Type	Single-phase hybrid solar inverter
Phase	1-phase in / 1-phase out
Rated Output Power	3000W
Max PV Input Power	4500W
Max Charging Power	3000W
Operating Modes	Off-grid · hybrid
Grid-tied Operation	Not supported
PV INPUT (DC)	
Max DC Voltage	500V DC
Start-up / Initial Feeding	90V DC / 120V DC
MPPT Voltage Range	60V–450V DC
MPPT Trackers	1
Max Input Current	18A
Solar Charger Type	MPPT
BATTERY & CHARGER	
Nominal DC Voltage	24V DC
Max Solar Charging Current	100A
Max AC Charging Current	100A
Max Charging Current	100A
Max Charging Power	3000W
AC INPUT	
AC Inputs	2 independent
AC Start-up Voltage	170V–280V AC
Acceptable Input Range	90V–280V AC (APL) or 170V–280V AC (UPS)
Frequency Range	50Hz/60Hz (auto-sensing)
Max AC Input Current	16A

PARAMETER	SPECIFICATIONS
AC OUTPUT (BATTERY & HYBRID)	
AC Outputs	2 independent
Nominal Output Voltage	220/230/240V AC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	93%
Output Voltage Range (Hybrid)	184V–264.5V AC or 195.5V–253V AC (selectable)
Nominal Output Current (Hybrid)	13A
COMMUNICATION & INTERFACE	
Communication Ports	RS232 / RS485 / Wi-Fi
Monitoring	Built-in Wi-Fi
Display	Touchscreen
Current Transformer	Supported (external CT)
Parallel Function	Not supported
PHYSICAL & ENVIRONMENTAL	
Dimensions (D×W×H)	451 × 353 × 160 mm
Net Weight	12.3 kg
Ingress Protection	IP65
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
Humidity	5%–95% RH (non-condensing)
Warranty	Not available
CERTIFICATION	
Certifications	CB · CE · IEC compliant

**Specifications are subject to change without prior notice.*

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified