

E-PRO Hybrid Inverter

E-PRO3KW230V-IP65

E-PRO6KW230V-IP65



The EURONET E-PRO is a single-phase hybrid solar inverter that unifies solar, grid and battery power within one compact, IP65-rated unit. Engineered for dependable residential and light-commercial energy across demanding climates, it delivers high-efficiency MPPT tracking, pure sine wave output and smart Wi-Fi monitoring.

KEY FEATURES



**Parallel
Operation**
Up to 6 Units



**2 Independent
AC Inputs**
2 Outputs



Wi-Fi
Remote Monitoring

MPPT

**50-500Vdc
(6KW)**
Wide MPPT Range



High Efficiency
Max. 98%



**Maximize PV
Input Power**
2 MPPTs

CT

**Current
Transformer**
Export / Load
Control



Touchscreen
Colour LCD Control

MODEL	E-PRO3KW230V-IP65		E-PRO6KW230V-IP65	
Phase	1-phase in / 1-phase out			
Maximum PV Input Power	4500W		4500W + 4500W	
Rated Output Power	3000W		6000W	
Maximum Charging Power	3000W		6000W	
GRID- TIED OPERATION				
PV INPUT (DC)				
Maximum DC Voltage	/		520Vdc	
Start-up Voltage / Initial Feeding Voltage	/		90Vdc / 120Vdc	
MPPT Voltage Range	/		50Vdc - 500Vdc	
No. of MPPT Trackers / Max Input Current	/		2 / 18A	
GRID OUTPUT (AC)				
Nominal Output Voltage	/		220 / 230 / 240VAC	
Output Voltage Range	/		184-264.5 VAC or 195.5-253 VAC or 184-264.4 VAC (Selectable)	
Nominal Output Current	/		26.1A	
Power Factor	/		>0.99	
EFFICIENCY				
Maximum Conversion Efficiency (DC/AC)	/		97%	
OFF- GRID OPERATION				
AC INPUT				
AC Start-up Voltage	170VAC - 280VAC			
Acceptable Input Voltage Range	90-280VAC (APL) or 170-280VAC (UPS)			
Frequency Range	50 Hz / 60 Hz (Auto sensing)			
Maximum AC Input Current	16A		40A	
PV INPUT (DC)				
Maximum DC Voltage	500Vdc		520Vdc	
MPPT Voltage Range	60Vdc - 450Vdc		50Vdc - 500Vdc	
No. of MPPT Trackers / Max Input Current	1 / 18A		2 / 18A	
BATTERY MODE OUTPUT (AC)				
Nominal Output Voltage	220 / 230 / 240VAC			
Output Waveform	Pure Sine Wave			
Efficiency (DC to AC)	93%			
HYBRID OPERATION				
PV INPUT (DC)				
Maximum DC Voltage	500Vdc		520Vdc	
Start-up Voltage / Initial Feeding Voltage	90Vdc / 120Vdc			
MPPT Voltage Range	60Vdc - 450Vdc		50Vdc - 500Vdc	
No. of MPPT Trackers / Max Input Current	1 / 18A		2 / 18A	
GRID OUTPUT (AC)				
Nominal Output Voltage	220 / 230 / 240VAC			
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC or 184-264.4 VAC (Selectable)			
Nominal Output Current	13A		26.1A	
AC INPUT				
AC Start-up Voltage	170VAC - 280VAC			
Acceptable Input Voltage Range	90-280VAC or 170-280VAC			
Maximum AC Input Current	16A		40A	
BATTERY MODE OUTPUT (AC)				
Nominal Output Voltage	220 / 230 / 240VAC			
Efficiency (DC to AC)	93%			
BATTERY & CHARGER				
Nominal DC Voltage	24Vdc		48Vdc	
Maximum Solar Charging Current	100A		125A	
Maximum AC Charging Current	100A		125A	
Maximum Charging Current	100A		125A	
GENERAL				
PHYSICAL				
Dimension, D x W x H (mm)	451 x 353 x 160.2		471 x 444 x 200	
Net Weight (kg)	12.3		18.5	
INTERFACE				
Parallel Function	/		Yes, 6 units	
Communication Port	RS232 / RS485 / Wi-Fi		RS485 / CAN / Wi-Fi / Dry contact	
ENVIRONMENT				
Humidity	5% to 95% Relative Humidity (Non-condensing)			
IP Degree	IP65			
Operating Temperature	-10°C ~ 50°C			
Storage Temperature	-15°C ~ 60°C			

Specifications are subject to change without prior notice. The maximum efficiency figure (up to 98%) refers to peak conversion performance. The E-PRO3KW230V-IP65 supports off-grid and hybrid operation only (no grid-tied feed-in or parallel operation).