

BOBINE

4 kW – 5 kWh



Energy anywhere, without noise or pollution



SUSTAINABLE

Zero CO2 emission in use

13 tons of CO2 avoided
after 5 years of use



ZERO POLLUTION

No noise pollution,
no smell,
no smoke

AC Production

Rated output power	4 000 W
Peak power	180% of Rated Output Power for 100 ms, 120% for 5 s, 105–120% for 10 s
Available power	3 600 W
Battery capacity	5 000 W
Battery service life (>80%)	2 000 cycles
AC output voltage	230 VAC ±5%
Frequency	50 Hz
Type of signal	Pure sinus
UPS/Off-grid Transfer Time	10ms (personal computers) 20ms (household equipment)

Connections

AC output connections	1x single-phase socket 16A
AC input connections	1x Power Twist NAC3 input – 20A
DC input connections (solar)	1x Anderson 50A
Dry contact ¹	1x SpeakON 4P socket

Temperatures

Recharge temperature ²	–20 ~ 50 °C
Use temperature ³	–10 ~ 50 °C
Storage temperature	0 ~ 45 °C

Physical

Dimensions (H x L x P)	50,5 x 48 x 64,3 cm
Weight	55 kg
Off-road wheels	
Powder-coated reinforced sheet aluminium frame	
Raised chassis for crossing standard pavements	
LCD display	

Environnement

Certifications	CE / Directive BT (2014/35/UE) CEM (2014/30/UE)
Protection class	IP23, IK08
Manufacturer's warranty	2 years
EMC Classification	Class A / Pollution degree 3
Diversity Factor (RDF)	1
Max Altitude	2000m
Relative Humidity	Max 100% at 25 °C without condensation

Grid recharging

AC power supply	230 VAC ±20% 50–60 Hz
Max charging power AC 16A socket output	2000 W
Recharging time on 16A socket (if empty)	3h

Solar recharging

Max PV power	5000 W
MPP voltage range	120 VDC – 450 VDC
Integrated Maximum Power Point Tracking (MPPT)	
PV max current	20 A

Protections

AC Protection	Differential Switch 30mA (16A)
AC Circuit breaker	1x 16A circuit breaker
DC protection (battery)	Thermal magneto fuse 200 A / BMS
Neutral earthing system	TN-S

Use times

500 W	20 h
1000 W	10 h
2000 W	5 h
4000 W	2 h 30

Options

Rain cover

EKLA Kit – Mobile solar panels

Blaze KIT (1800/2700/4000 Wc) – Transportable solar solution

InfiniT – Hot swap box

EV Adapter Kit – Electric vehicle recharging

Included

Recharge cable 16A

¹ Automatic starting of a gas-powered generator

² Between –20 °C and +5 °C the device does not charge but activates its battery preheating system automatically

³ Device temperature displayed on the control screen



contact@pessenergy.com – 04 91 58 86 74

PESS
ENERGY