



FLYWATT

11 kW - 10kWh



Energy anywhere, without noise or pollution



MODULAR

Up to 6 Flywatt can be connected to reach **66 kW & 60 kWh**

Stackable to create a 60 kWh energy van



SUSTAINABLE

Zero CO2 emission in use

13 tons of CO2 avoided after 5 years of use

AC Production

Rated power	11 000 W
Peak power	19 kW for 0.1 s ; 13 kW for 5 s ; 12 kW for 10 s
Battery capacity	10 000 Wh
AC output voltage	230 VAC ±5%
Frequency	50 Hz
Type of signal	Pure sinus
UPS/Off-grid Transfer Time	300ms on 16A input 200ms on 32A input

Connections

AC output connections	3x single-phase sockets 16A 1x single-phase socket 32A
AC input connections	1x Power Twist NAC3 input (20A) 1x P17 CEE male input (32A)
DC input connections (solar)	Anderson SBSX - 75A
Parallel connections	1x Parallelization socket (50A) 2x XLR female 3P socket 2x SUB-D9 female socket
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)	69 x 56 x 85,5 cm
Weight	130 kg

Environnement

Certifications	CE / Directive BT (2014/35/UE) CEM (2014/30//UE)
Protection class	IP54, IK08
Manufacturer's warranty	2 years
EMC Classification	Class A / Pollution degree 3
Diversity Factor (RDF)	1
Max Altitude	2000 m
Relative Humidity	Max 100% at 25 °C without condensation

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

⁴ Allows simultaneous charging and discharging

Grid recharging

AC power supply	170-280VAC, 50-60 Hz
Max charging power AC 16A socket output	Fast recharge 3600W
Recharging time on 16A socket (if empty)	< 4h
Max charging power AC 32A socket output	Slow recharge 1000W ⁴
Recharging time on 32A socket (if empty)	10 h

Solar recharging

Max PV power	5500 W
MPP voltage range	90 VDC - 450 VDC
Integrated Maximum Power Point Tracking (MPPT)	

Max current 20 A

Protections

AC Protection	1x earth leakage switch 30mA 63A
AC Circuit breaker	3x 16A circuit breaker 1x 32A circuit breaker
DC emergency stop	1x mushroom button
DC protection (battery)	Fuse / BMS
DC protection (PV)	Fuse / 20A DC circuit breaker
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

Cable 32A : P17 to P17

Parallelization box - (2 or 6) up to 60 kWh-66 kW

EKLA Kit - Mobile solar panels

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

EV Adapter Kit - Electric vehicle recharging

Included

Recharge cable 16A
Eart Rod



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