



# FLYWATT

## 11 kW - 10 kWh

Energy anywhere, without noise or pollution

### ADJUSTABLE

- Up to 6 Flywatts can be paired to reach 66 kW
- No noise, no odour
- Stackable to create a 60 kWh energy van

### SUSTAINABLE

- Robust
- Long-life batteries
- Locally repairable

### ECOLOGICAL

- Zero CO2 emission in use
- 13 tonnes of CO2 avoided after 5 years of use
- Compatible with solar recharging

## Technical data

### AC Production

AC output	11 000 W
Max power	22 000 W
Battery capacity	10 000 Wh
AC output voltage	230 VAC ±5%
Frequency	50hz
Type of signal	Pure sinus
Communication delays	10ms (personal computers) / 20ms (household equipment)

## Connectors

AC output connections	3 mono sockets (16A) 1 mono socket (32A)
AC input connections	1 input Power Twist NAC3 (20A) – fast charge (3000W) 1 input P17 CEE mâle (32A) – slow charge (1000W)
AC input connections (solar)	Anderson SBSX – 75A
Parallel powerbank connections (up to 6 maximum)	1 XLR female 3P socket 1 XLR male 3P socket 1 SUB-D9 female socket
Dry contact	1 SUB-D9 male socket 1 Prise SpeakON 4P – Démarrage de groupe électrogènes automatique + maintien de charge batterie de démarrage

## Recharge

AC power supply	230 VAC 50 Hz
Max charging power AC socket output	3000 W (on 16A socket)
Recharge time	<3h (90%)

## Protection

AC Protection	Earth leakage switch 30mA (63A)
AC Circuit breaker	3 x 16A circuit breaker 1 x 32A circuit breaker
DC emergency stop	Mushroom button battery disconnecter
DC protection (batterie)	Fuse / BMS
DC protection (PV)	Fuse / 40A DC circuit breaker

## Batterie

Chimie batterie	NMC
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## Solar pannels

Max PV power	5500 W
MPP voltage range	90 VDC – 450 VDC
Max input voltage	500 VDC
PV max current	40 A

## Use time

Operating time at 300W	> 32 h
Operating time at 500W	20 h
Operating time at 1000W	10 h
Operating time at 2000W	5 h
Operating time at 3000W	> 3 h
Operating time at 4000W	2h30

## Temperature ranges

Recharge temperature	-20 ~ 50°C
Use temperature (1)	-20 ~ 50°C
Storage temperature(2)	0 ~ 45°C
Long-term storage temperature	0 ~ 35°C

## Physic

Dimensions (H x L x P)	69 x 56 x 85,5 cm
Weight	130 kg

## Environnement

Certifications	CE / Directive BT (2014/35/UE) et CEM (2014/30//UE)
Waterproofing	IP54
Manufacturer's warranty	2 years