



FLYWATT

11 kW - 10 kWh

Energy anywhere, quietly and without pollution

ADJUSTABLE

- Up to 6 Flywatt 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	3x single-phase sockets (16A) 1x single-phase socket (32A)
AC input connections	1x Power Twist NAC3 input (20A) – fast charge (3000W) 1x PI7 CEE male input (32A) – slow charge (1000W)
DC input connections (solar)	1x Anderson SBSX - 75A
Parallel powerbank connections (up to 6 maximum)	1x parallelization socket (50A) 1x XLR female 3P socket 1x XLR male 3P socket 1x SUB-D9 female socket 1x SUB-D9 male socket
Dry contact	1x SpeakON 4P socket – Automatic gas generator starting + charge maintenance for starter battery

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	1x earth leakage switch 30mA (63A)
AC Circuit breaker	3x 16A circuit breaker 1x 32A circuit breaker
DC emergency stop	1x 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