

ECHO-5

Technical datasheet

SWOOP Energy products incorporate batteries from the latest generation of electric vehicles.

These batteries are among the most powerful on the market, enabling the product to store a significant amount of energy for considerable autonomy.

This product is perfectly suited to the construction, audiovisual production and events sectors, thanks to its compact, silent and mobile nature.

The mobile energy station's battery can be recharged via its AC power cable, as well as with photovoltaic panels supplied in kit form (DC), and delivers alternating current via its various outputs (230 VAC mains).

The energy station features an LCD display showing the following information: battery state of charge in %, output power (AC), input power (AC), photovoltaic power (DC).

Other customizations on request: 4G GPS module, suitcase colors, lifting ring...



Non contractual representation of the product

General

Energy	6000 Wh*
Weight	60 kg
Dimensions	80,1 x 52,1 x 31,7 cm
Operating temperature	0° to 40°C
Storage temperature	From -20°C to 60°C
Lifespan	2000+ cycles / 10 years in storage
Certification	UN38.3, CE

*The integrated BMS includes protection against overload, overvoltage, short-circuit, overtemperature and undertemperature.

Discharge

AC outputs (Type E, other types on request)	2x 230 VAC, 50 Hz, 16 A 1x 230 VAC, 50 Hz, 32 A
USB outputs	1x USB-A 5 V / 1x USB-C 5 V
Output power (AC)	4500 W - Rated power
Max. output power (AC)	9000 W

Charge

AC input	230 VAC, 50 Hz (2000 W)
Charging time (AC)	<3h (16 A domestic socket)
BOOST button	<1h (20% - 80%) (16 A domestic socket)

Solar

<u>DC input (photovoltaic) (MC4 connectors)</u>	
Rated power	3000 W (Max) Option : 6000 W
Minimum PV open-circuit voltage	80 V (120 V at startup)
Maximum PV open-circuit voltage	450 V
Rated load current	13 A
Max. short-circuit current	16 A