

ENERGY SYSTEM ES-2000 12V 2000W

Art. nr: 22-2000

RELIABLE ALL-IN-ONE 230V AC ENERGY SYSTEM FOR INSTALLATION IN PROFESSIONAL VEHICLES

Stop searching for mains outlets and save time with ES-2000.

AC application and allow you to bring your most powerful hand tools to work. Moreover, the high quality built-in LiFePO4 battery will keep your system powered up for a long time.

The battery has state of the art battery management systems that protects the batteries from overload and guarantees the longest possible system lifetime. The battery management system also ensures that any available charge energy, from vehicle alternator or external mains, is converted to the fastest and most efficient charge for the battery.



FEATURES

- ▶ 230 VAC, 2000W pure sine inverter
- ▶ 100Ah LiFePo4 battery
- ▶ 55A mains charger
- ▶ Multiple DC-connections
- ▶ EU Schuko plug
- ▶ Bluetooth battery monitor
- ▶ Built-in safety relay
- ▶ Connectors and brackets included
- ▶ UN38.3 transportation approval
- ▶ CE-mark approval
- ▶ EMC R10 approval



Download the AWILCO app!
It is free and gives you in-depth
information about the status of the
battery.

ES-2000 has the unique feature that the system battery capacity can be extended from the built-in 100Ah up to 600Ah, offering longer runtime and higher autonomy for the user.

The cabinet is designed with the professional user in mind. It has a robust chassis built to operate from the floor in a professional vehicle, a safety relay for user protection, and an easy-to-monitor display. The unique drop-in installation brackets make mounting easy and equally easy to shift the ES-2000 to a new vehicle.

Connecting the system to your vehicle is done by easy and safe click connectors. Connectors for 12V DC and 230V AC are included in the system. The connectors at the back of the system are designed so that once installed, the cables do not compromise the depth of the unit. This makes installation easy by saving time and optimizing the space needed for the system.









Product specification

Bluetooth/Digital display	Yes/Yes
DC charge	10,5-15,5V DC, Max 100A
DC output	13,2V nominal (9,5-13,9V DC) Current max: 200A, Max 500A (2 s)
Dimensions	241 x 397 x 339 mm
Operating temperature (Power reduces below 0 °C)	-40°C till +50°C
AC output connected to grid	Voltage: 230V ±10% Current: Max 16A Waveform: Pure sinus Frequency: 50 Hz Power: Max 3600W
Standby mode	14,5W
Battery type	LiFePO4
Battery capacity	100Ah
DC charging from 13,2 V inverter connected to grid	13,2V < 55A
USB output	5V DC, Current: Max 750 mA
Weight	29,4 kg
Storage temperature	0°C to +50°C
AC output from inverter	Voltage: 230V ±10% Current: Max 10A Waveform: Pure sinus Frequency: 50 Hz Power: < 2000W, Max 4000W (5 s)

Extend your battery capacity up to 600Ah by connecting our LFP12100BM battery to the ES-2000.

NOTE: It is important that you ONLY use the Awilco battery LFP12100BM, and only connect the batteries to the system in parallel.

Accessories

Part. no	Description	Foto
22-12100	Lithium battery 12V 100Ah with bluetooth	
22-12050	Lithium battery 12V 50Ah with bluetooth	
22-112	Connection cable ES-2000 2 m	
22-113	Connection cable ES-2000 3 m	
22-12101	Cable kit for connection between ES2000 and extra battery	
22-202	Schuko socket 2 st EU	
22-203	Schuko socket 3 st EU	
22-302	Between cable 2 m for Awilco Smart Connection Cable System, ES-2000	
22-304	Between cable 4 m for Awilco Smart Connection Cable System, ES-2000	
22-401	T-connector	