

# ES-2000 ENERGY SYSTEM

- > **ROBUST**
- > **FAST CHARGE**
- > **LONG LIFETIME**

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

**Bring your most powerful hand tools to work: Let the ES-2000 support your workday saving you time searching for mains outlets.**

The high performance 2000W pure sine inverter will power up virtually any 230V AC application with its high quality build in LiFePO4 battery for a long time.

The state of art battery management systems protects the batteries from overload and ensures the longest possible system lifetime.

To maximize your runtime it will take care that any available charge energy from vehicle alternator or external mains is converted to the fastest and most efficient charge for the battery.



### FEATURES

- 2000W, 230V AC pure sine inverter
- 100Ah LiFePO4 battery
- 55A mains charger
- Multiple DC-connections
- Bluetooth battery monitor
- Built-in safety relay
- Connectors and brackets included
- UN38.3 transportation approval
- CE-mark approval



**Our free AWILCO app offers in depth information on the status of the battery.**

## ES-2000 ENERGY SYSTEM

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

The cabinet is designed with the professional user in mind – robustly build to work from the floor in a professional vehicle, safety relay for user protection, and easy to monitor display.

### ES-2000 SPECIFICATIONS

<b>Model No:</b>	ES-2000
<b>Bluetooth/ Digital display:</b>	Yes / Yes
<b>DC charging:</b>	10,5-15,5 V DC Max 100 A
<b>DC output:</b>	13,2V nominal (9,5-13,9V DC) Current max: 200 A Max: 500 A (2 s)
<b>Dimensions:</b>	241Hx397Lx339B mm
<b>Operating temperature:</b> <b>Power reduces below 0 C</b>	-40 C to +50 C
<b>AC output @ grid:</b>	Voltage: 230V $\pm$ 10% Current: Max 16 A Waveform: Pure sinus Frequency: 50 Hz Power: Max 3600 W
<b>Standby mode:</b>	14,5W
<b>Battery type:</b>	LiFePO4
<b>Battery capacity:</b>	100Ah
<b>DC charging from inverter @ grid:</b>	13,2 V < 55 A
<b>USB output:</b>	5V DC Current max: 750mA
<b>Weight:</b>	29,4 kg
<b>Storage temperature:</b>	0 C to +50 C
<b>AC output @ inverter:</b>	Voltage: 230V $\pm$ 10% Current: Max 10 A Waveform: Pure sinus Frequency: 50 Hz Power: < 2000 W Max: 4000 W (5 s)

### CONTACT INFORMATION

+45 56 56 54 00

mail@awilco.dk

awilco.dk

Awilco ApS  
Yderholmvej 64  
4623 Ll. Skensved  
Denmark



ES-2000 with accessories included.



**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.

