

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, the battery management system also makes sure that any available charge energy, from vehicle alternator or external mains, is converted to the fastest and most efficient charge for the battery.

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.

> FEATURES

- 2000W, 230V AC pure sine inverter
- 100Ah LiFePO4 battery
- 55A mains charger
- Multiple DC-connections
- EU Schuko or UK mains plug
- 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

> SPECIFICATIONS

PRODUCT NUMBER	ES-2000
AC OUTPUT POWER FROM INVERTER	Voltage: 230V \pm 10% Current: Max 16 A Waveform: Pure sinus Frequency: 50 Hz Peak 4000 W
DC CHARGING / DC CHARGING FROM INVERTER (CONNECTED TO GRID)	10,5-15,5 V DC Max. 100 A
DC OUTPUT VOLTAGE	13,2V nominal (9,5-13,9V DC) Current max: 200 A Max 500 A (2 s)
BATTERY CAPACITY AND TYPE	1280Wh LiFePO4
PLUGS	1 Schuko 1 Wieland in 1 Wieland out 3 Anderson connector 1 USB-A
BUILT-IN SOLAR REGULATOR	Yes
BLUETOOTH	Yes
OPERATING TEMPERATURE	-20°C - 50°C
STORAGE TEMPERATURE	0°C - 50°C
WEIGHT	9,4 kg
DIMENSIONS	241x397x339 mm (HxLxW)
DANGEROUS GOODS	Yes
CERTIFICATES	CE UN 38.3 E-mark UKCA

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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.