

ELECTRIC

230 V / 50 Hz

RATED POWER

3600 W

CAPACITY

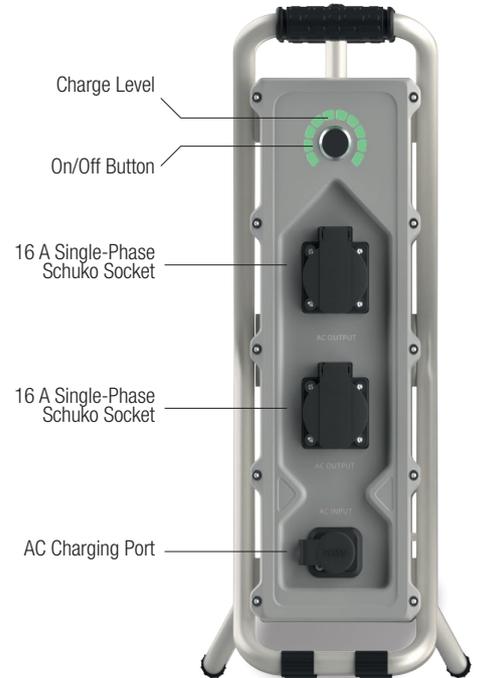
2304 Wh

MAXIMUM POWER (PEAK)

18000 W

WEIGHT

24 kg



APPLICATIONS

Mobile and Clean Power: Enjoy stable pure sine wave output with this robust and silent power station. Eco-friendly (no CO emissions and no fuel) and IP54 certified, it activates instantly at the push of a button. Compact and maintenance-free, it's a reliable solution you can take anywhere.

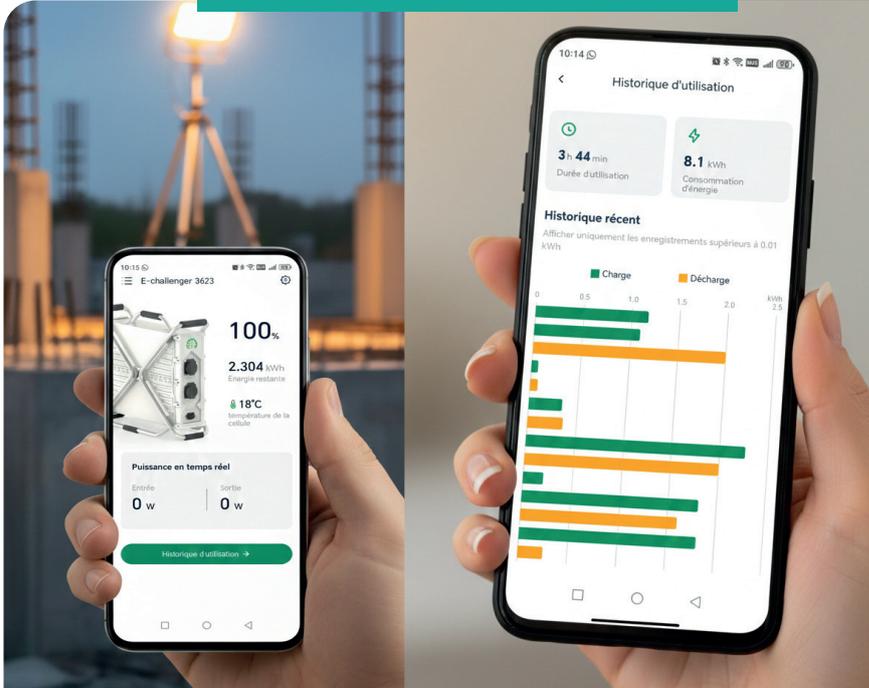
e-CHALLENGER 3623

Battery Type		Lithium NCA (Nickel, Cobalt, Aluminum)
Voltage Regulator		Inverter
Capacity	Wh	2304
Output Power	W	3 600
150% Overload	W	4000 - 5400 <500s
200% Overload	W	5400 - 7200 <50s
250% Overload	W	7200 - 9000 <10s
Higher Overload	W	>9000 <1s
Peak Power	W	18 000 < 0,2s
Batterie Life Cycles		+800 ≥80%
Operating Temperature	°C	Charging: 5 to 40°C, Discharging: -15 to 55°C
Storage Temperature	°C	-20 à 50°C
AC voltage	V	230
Maximum Amps	A	15.6
Frequency	Hz	50
Charge Time, 1200 W	h	2h20
Dimensions L x W x H	mm	526 x 211 x 485
Carton Dimensions	mm	580 x 250 x 550
Net Weight	kg	24
Reference		2VE3623

STANDARD EQUIPMENT

- ✓ Overload Protection
- ✓ Battery Management System (BMS)
- ✓ 2 x 16 A Single-Phase Schuko Sockets
- ✓ Smartphone App

SMARTPHONE APP



SMARTPHONE APP FEATURES

- Battery Percentage Display
- Remaining Energy (kWh)
- Cell Temperature (°C)
- Input and Output Power (W)
- Usage History
- Total Operating Time
- Total Energy Consumption (kWh)
- Device Name Change
- Upper Charge Limit Setting
(e.g., limit battery charging to 90% to preserve battery life)
- Lower Charge Limit Setting
(e.g., limit battery discharge to 10% to preserve battery life)
- Charging Power Setting
(e.g., adjustable between 300 W and 1200 W to preserve battery life)
- Internal Cooling Fan Speed Setting (Standard or Silent Mode)
- Language Selection
(English, French, German, Spanish, Italian, Russian, and Chinese)

EXAMPLES OF AUTONOMY

Tool / Device	AUTONOMY
350 L Concrete Mixer 	2h30
200 L Mixer 	1h20
Mechanical Trowel Ø 60 cm 	1h50
Vibrating Needle Ø 38 mm 	2h
Submersible Pump Ø 50, 250 L/min	3h
1200W Angle Grinder 	1h55
750W Drill 	2h
400W Refrigerator 	5h40
200W Computer 	11h25
100W Incandescent Light	23h

