



The sustainable alternative
- The **green** generator -



Mobile
Modular
No noise
IoT-system

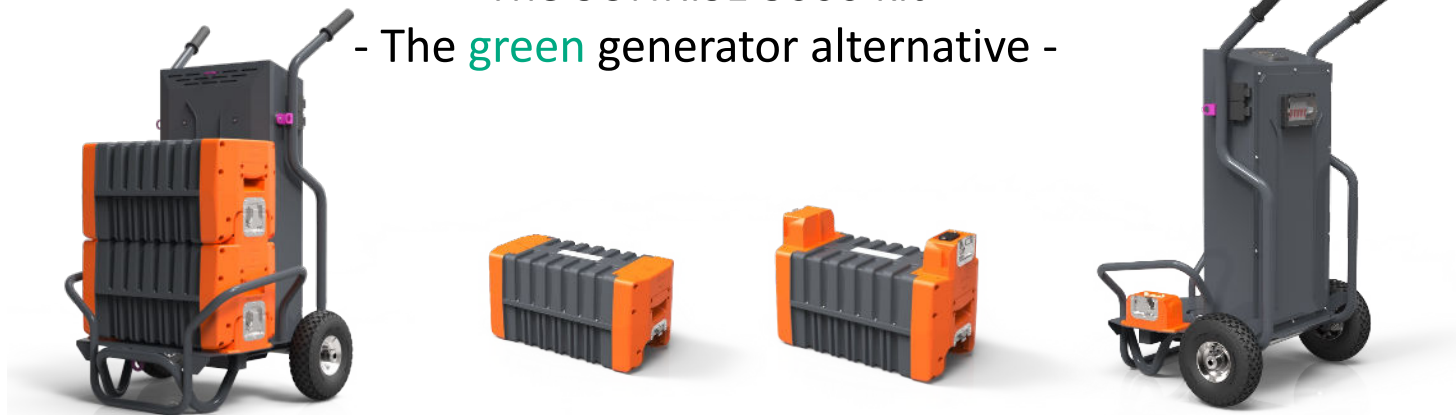
AC Dock 3000 (betterGen) + 2 betterPacks

Maximum **CO₂-avoidance through** 2nd life electric vehicle battery upcycling technology. One betterGen can avoid up to **10t CO₂ –emissions over its lifetime in comparison to a 3kVA generator.** Additional optimizing through green power and online data evaluation.

<https://betteries.com>

The SUNRISE 3000 kit

- The green generator alternative -



betterPack single & multi technical data

Electrical Data & Lifetime	Unit	Value	Dimensions & Weight	Unit	Value
Nom Voltage (External)	[V]	51.8	Weight	[kg]	38.8
Pack Voltage Range	[V]	42 - 57.68	Dimension [H x L x W] - multi	[mm]	365 x 546 x 277
Peak Power (@25°C)	[kW]	7.9 (1s) / 3.1 (6s)	Dimension [H x L x W] - single	[mm]	280.5 x 546 x 277
Nom. Discharge Power (@25°C)	[kW]	2.6	Environmental & Operating Conditions		
Nom. Discharge Current (@25°C)	[A]	50	Ingress protection	[-]	IP65
Nom. Charge Power (@25°C)	[kW]	1.3	Venting	Pressure equalization & overpressure relief	
Nom. Charge Current	[A]	25	Non-operating temperature	[°C]	-20 to +50
Cycle Lifetime	[cycles]	1500	Ambient operation temperature (discharging)	[°C]	-10 to +40
Calendric Lifetime	[years]	7	Ambient operation temperature (charging)	[°C]	0 to +40
Nominal Energy (capacity)	[Wh]	2346	Time to charge - with betterGen-3 - with external charger-500		<2 hours approx. 4 hours
Usable Energy (@80% DoD)	[Wh]	1924			

AC Dock 3000 (betterGen) technical data – based on main module with 3kW inverter

Electrical Data & Lifetime	Unit	Value	Dimensions & Weight	Unit	Value
Nom. output voltage (mains)	[V]	230	Weight	[kg]	55.5
Non. output frequency (mains)	[Hz]	50	Dimension [H x L x W]	[mm]	1135 x 657 x 694
Nom. output power	[kVA]	3			
Peak Power	[kVA]	5			
Nom. Charge Power	[kW]	1.4			
Environmental & Operating Conditions			HMI & Monitoring		
Ingress protection	[-]	IP54	Monitoring	Remote control, data visualization & backend monitoring	
Ambient operation temperature	[°C]	-10 to +40			
Max. humidity (non-condensing)	[%]	95			