

A true green and sustainable power system solution

The **betterGen** available as of summer 2022



betterPack 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	Environ. & Operating Conditions		
Nom. Charge Power (@25°C)	[kW]	1.3	Ingress protection	[-]	IP67
Cycle Lifetime	[cycles]	1500	Venting	Pressure Equalization & Overpressure Relief	
Calendric Lifetime	[years]	7	Non-operating Temperature	[°C]	-20 to +50
Nom. Capacity	[Wh]	2346	Ambient Operation Temperature	[°C]	-10 to +40
Usable Capacity (@80% DoD)	[Wh]	1924	Time to charge	4.5 hours	

betterGen technical data – based on main module with 3 kW inverter

Electrical Data & Lifetime	Unit	Value	Dimensions & Weight	Unit	Value
Nom Output Voltage (Mains)	[V]	230	Weight	[Kg]	61
Nom Output Frequency (Mains)	[Hz]	50	Dimension [H x L x W]	[mm]	1090x590x710
Nom Output Power	[kW]	3	Lifetime	[years]	10
Nom. Charge Power	[kW]	1.3			
Environmental & Operating Conditions			HMI & Monitoring		
Ingress protection	[-]	IP44	Data Access	[-]	WIFI, App, GSM
Ambient Operation Temperature	[°C]	-10 to +40	Monitoring	Remote Control, Data Visualization & Backend, Monitoring	

Certification

CE, UN38.3, IEC 62133-2, IEC 60335, IEC 62040

EN 61000-6-2 and EN 61000-6-3