



Multi (stackable module) Single (stackable end module)

Technical data **betterPack**

Mobile, modular, multi-purpose and connected lithium-ion battery

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 x277
Peak Power (@25°C)	[kW]	7.9 (1s) / 3.1 (6s)	Dimension [H x L x W] - Single	[mm]	280.5 x 546 x277
Nom. Discharge Power (@25°C)	[kW]	2.6	Environmental & Operating Conditions		
Nom. Discharge Current (@25°C)	[A]	50	Battery chemistry		Lithium-ion manganese oxide battery (LMO)
Nom. Charge Power (@25°C)	[kW]	1.3	Ingress protection	[-]	IP65
Nom. Charge Current (@25°C)	[A]	25	Venting	Pressure Equalization & Overpressure Relief	
Cycle Lifetime	[cycles]	1500	Non-operating Temperature	[°C]	-20 to +50
Calendric Lifetime	[years]	7	Ambient Operation Temperature (discharging)	[°C]	-10 to +40
Nom. Energy	[Wh]	2346	Ambient Operation Temperature (charging)	[°C]	0 to +40
Usable Energy (@82% DoD)	[Wh]	1924	Time to charge		
			- with betterGen-3	<2 hours	
			- with external charger-500	approx. 4 hours	