

Series product specifications



OLiPower Energy & Automation Technology Co., Ltd.

1. Product specifications

Parameter	Model Specifications					
	OLP-EB-V309_E63	OLP-EB-V386_E79	OLP-EB-V463_E95	OLP-EB-V540_E111	OLP-EB-V618_E127	OLP-EB-V695_E143
Battery type	Li-ion					
Rated Voltage (V)	309.12Vdc	386.4Vdc	463.68Vdc	540.96Vdc	618.24Vdc	695.52Vdc
Voltage Range(V)	268.8~345.6Vdc	336~432Vdc	403.2~518.4Vdc	470.4~604.8Vdc	537.6~691.2Vdc	604.8~777.6Vdc
Number of battery modules	4	5	6	7	8	9
Cluster Configuration	1P24S-4S	1P24S-5S	1P24S-6S	1P24S-7S	1P24S-8S	1P24S-9S
Rated DC Power (KW)	30kW	40kW	45kW	50kW	60kW	70kW
Rated Energy (kWh)	63.67	79.59	95.51	111.43	127.35	143.27
Max Nominal DC Voltage	345.6Vdc	432Vdc	518.4Vdc	604.8Vdc	691.2Vdc	777.6Vdc
Min Nominal DC Voltage	268.8Vdc	336Vdc	403.2Vdc	470.4Vdc	537.6Vdc	604.8Vdc
Nominal Battery Capacity (kWh)	63.67	79.59	95.51	111.43	127.35	143.27
Usable Battery Capacity (kWh)	60.48	75.61	90.73	105.85	120.98	136.1
Rated Charge/Discharge Current(A)	103					
Max. Charge/Discharge Current(A)	200A					
HV BOX Voltage (V)	1000					
Working Temperature (°C)	-20~+45					
Storage Temperature (°C)	-20~+45					
Humidity	0~95%RH(No condensation)					
Latitude(m)	≤3000					
weight	510±5	630±5	750±5	870±5	990±5	1110±5
Production/Manufacturing Address:	China	China	China	China	China	China
quality assurance	6000 cycle	6000 cycle	6000 cycle	6000 cycle	6000 cycle	6000 cycle

Table 1 Product Parameter Table