SOLUNA

POWER DESIGNED FOR NIGHT AND DAY

Ultra X



TECHNICAL SPECIFICATIONS

	Ultra X 72K	Ultra X 90K	Ultra X 108K	Ultra X 126K	Ultra X 144K	Ultra X 162K
Dimensions (W*D*H)	840*465*1172	840*465*1403	840*465*1634	840*465*1865	840*465*1172+951	840*465*1172+1172
Weight(kg)	560	690	820	950	1080	1210
Battery type	LFP					
Total Energy Capacity(kWh)	72	90	108	126	144	162
Usable Energy Capacity(kWh)	57.6	72	86.4	100.8	115.2	129.6
Voltage Range(Usable,V)	201.6~252	252~315	302.4~378	352.8~441	403.2~504	453.6~567
Nominal Voltage(V)	230.4	288	345.6	403.2	460.8	518.4
Nominal Battery Capacity (Ah)	314					
Nominal Charge/Discharge Current (A)	157					
Nominal Charge/Discharge Power (kW)	36	45	54	63	72	81
Max Charge/Discharge Current (A)	157					
Max.Charge/Discharge Power(kW)	36	45	54	63	72	81
	Ultra X 180K	Ultra X 198K	Ultra X 216K	Ultra X 234K	Ultra X 252K	Ultra X 270K
Dimensions (W*D*H)	840*465*1403 / 1172	840*465*1403 / 1393	840*465*1634 / 1393	840*465*1634 / 1514	840*465*1855 / 1514	840*465*1855 / 1735
Weight(kg)	1340	1470	1600	1730	1860	1990
Battery type	LFP					
Total Energy Capacity(kWh)	180	198	216	234	252	270
Usable Energy Capacity(kWh)	144	158.4	172.8	187.2	201.6	216
Voltage Range(Usable,V)	504~630	554.4~693	604.8~756	655.2~819	705.6~882	756~945
Nominal Voltage(V)	576	633.6	691.2	748.8	806.4	864
Nominal Battery Capacity (Ah)	314					
Nominal Charge/Discharge Current (A)	157					
Nominal Charge/Discharge Power (kW)	90	99	108	117	126	135
Max Charge/Discharge Current (A)	157					
Max.Charge/Discharge Power(kW)	90	99	108	117	126	135
DOD	80%					
Cycle life (standard charge-discharge@25℃)	≥8000					
DC Disconnect	Contactor / Fuse					
Number of expandable battery units	10					
Operating Temperature	Charge 0~55℃Discharge -20~55℃					
Operating Temperature (Recommended)	15~30 C					
Certificates	TBD					
Transportation	UN38.3					
Ingress Rating	IP65					

KEY FEATURES

- Number of expandable battery module,at least 4, up to 15
- Active balancing function,manage the consistency of batteries more efficiently
- 0 wiring, rackless free stacking, plug-and-play
- Wi-Fi monitor
- Built-in fire extinguishing device
- Support for CAN-communication

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