• Firefly Pro

Firefly pro battery module is a new generation of battery module. It also uses flexible modular and cable-free design, but has been carefully optimized and increased high-voltage and low-voltage compatible designs to meet the needs of more applications. A set of Firefly pro HV battery modules can be connected in series with 4~7 sets of 3.84kWh battery layers, with a capacity of 15.36kWh~26.88kWh; a set of Firefly pro LV battery modules can be connected in parallel with 1~4 sets of 3.84kWh battery layers , The capacity is 3.84kWh~15.36kWh.

Product parameter

High Voltage Model	Firefly pro–H15.3	Firefly pro–H19.2	Firefly pro–H23.0	Firefly pro–H26.8
Battery Layers	Battery Pack（3.84kWh/48kg/LiFePO4）			
	4 module	5 module	6 module	7 module
Rated Energy Capacity	15.36kWh	19.20kWh	23.04kWh	26.88kWh
Usable Capacity [1]	13.82kWh	17.28kWh	20.73kWh	24.19kWh
Rated Voltage	204.8v	256V	307.2V	358.4V
Operating Voltage Range	166.4~233.6V	208~292V	249.6~350.4V	291.2~408.8V
Max. Continuous Charging / Discharging Current	37.5A			
Dimensions（W*D*H±2mm）	600*380*990 mm	600*380*1190 mm	600*380*1390 mm	600*380*1590 mm
Weight（±0.2kg）	210kg	258kg	306kg	354kg

Low Voltage Model	Firefly pro–L3.8	Firefly pro–L7.6	Firefly pro–L11.5	Firefly pro–L15.3
Battery Layers	Battery Pack（3.84kWh/48kg/LiFePO4）			
	1module	2modules	3modules	4modules
Rated Energy Capacity	3.84kWh	7.68kWh	11.52kWh	15.36kWh
Usable Capacity [1]	3.45kWh	6.91kWh	10.36kWh	13.82kWh
Rated Voltage	51.2V			
Operating Voltage Range	41.6~58.4V			
Max. Continuous Charging / Discharging Current	37.5A	75A	100A	
Dimensions（W*D*H±2mm）	600*380*390 mm	600*380*590 mm	600*380*790 mm	600*380*990 mm
Weight（±0.2kg）	66kg	114kg	162kg	210kg
Communication	CAN/RS485/Wi–Fi/LAN			
Ambient Temperature [2]	−10~50℃			
Relative Humidity	5~90%RH			
Ingress Protection	IP54			
Cooling	Natural Convection			
Certification & Approvals	TUV（IEC62619、IEC62040）/RCM/CE/UN38.3/RoHS/UL1973（to be certified）			