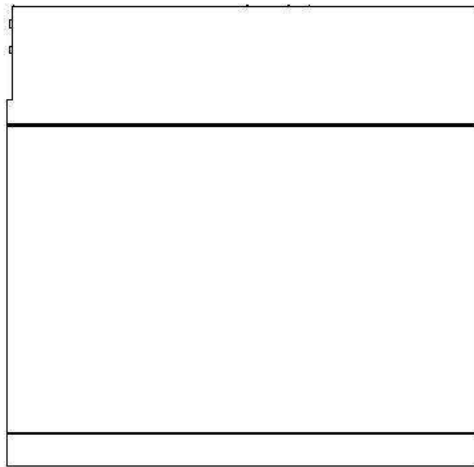
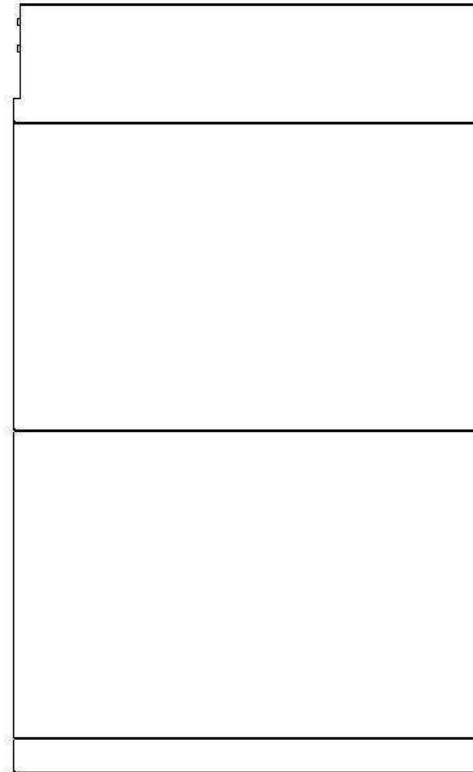


Datasheet



TG-ESS-9HV-S1



TG-ESS-9HV-S2

Dongguan TGpro New Energy Technology Co., Ltd

Product manufacturing country: China

No	Item	General Parameter		Remark
1	Combination method	60S1P	120S1P	
2	Rated Capacity	50AH	50AH	Standard discharge after Standard charge
3	Voltage at end of Discharge	162V	324V	Discharge Cut-off Voltage
4	Nominal	192V	384V	
5	Max Voltage	219V	438V	
6	Min Voltage	150V	300V	
7	Charging Voltage	210V~219V	420V~438V	
8	Usable Battery Capacity	9.6kWh	19.2kWh	
9	Rated DC Power	9.6kW	9.6kW	
10	Internal Impedance	≤42mΩ	≤90mΩ	
11	Nominal Charge Current	25A	25A	
12	Max Charging Current	30A	30A	
13	Limited Charging Voltage	219V	438V	
14	Nominal Discharging Current	25A	25A	
15	Max Discharging Current	50A	50A	Maximum discharge current allowed by the battery pack
16	Operation Temperature Range	Charge:0~55°C Discharge:-20~55°C		
17	Storage Temperature Range	-20~55° C		
18	Battery pack body size/weight	L800*W188*H521mm/92kg	L800*W188*H521mm(2PCS)/184kg	
19	Packaging size(wooden box)/gross weigh	L920*W310*H730mm/115kg	L920*W310*H730mm(2PCS)/230kg	
20	Combiner boxsize and base/weight	L800*W188*H198mm/15kg		
21	Packaging size(carton)/gross weight	L890*W275*H380mm/20kg		
22	System size/weight	W800*D188*H1275 107kg	W800*D188*H1798 199kg	
23	Depth of Discharge	100%		
24	Ingress Protection	IP65		