Split DC charging device

Using for electric vehicle charging distributed network, quick, effective deployment of the charging network, provide high power charging service for electric cars. The split DC charging product is made up of rectifier cabinet and outdoor charging terminal, each rectifier cabinet can be installed 25 pieces rectifier module, Be equipped with a standard rack. Applicable to the operation of the charging stations, private car parking uses.

Split DC charger I series: Output voltage range DC200V ~ 400V settable, the maximum output power is 150KW.

Split DC charger II series: Output voltage range DC400V ~ 700V settable, the maximum output power is 150KW.

Product feature:

- Modular design, full protection：AC input over voltage, under voltage protection; output over voltage, under voltage protection;
- over current protection;
- over temperature protection;
- overload protection;
- battery reverse connection protection;
- surge protection.

Model	EVDC-40KW-4	EVDC-50KW-4	EVDC-80KW-4	EVDC-150KW-4
Input				
Input voltage(V)	323～475(Three phases)			
Input current(A)	≤100	≤110	≤220	≤300
Input frequency(Hz)	45～65			
Efficiency	≥95%			
Input PF	≥0.99			
Input THD	≤5%)			
Output				
Output voltage range	400Vdc series：200～400V			
Output rated current	105	125	210	375
Max output current	112	133	224	400
Soft start time(S)	3～8			

Model	EVDC-40KW-4	EVDC-50KW-4	EVDC-80KW-4	EVDC-150KW-4
Input				
constant current range	10%～100%			
Voltage precision	≤±0.5%			
Current precision	≤±0.5%			
Ripple factor	≤1%			
Current sharing unbalance degree	≤±3%，(50%～100%rated load)			
noise(dB)	<65			
Charging configuration and executive standard				
Charging plug number	/			
Charging cable length(m)	/			
Communication protocol executive standard	GB/T 27930-2011， NB/T 33003-2010			
Charger executive standard	NB/T 33001-2010，NB/T 33008.1-2013			
Environmental parameter				
Operating temperature(℃)	-20～+50			
Storage temperature(℃)	-40～+80			
Relative humidity	≤95%			
Atmospheric pressure(kPa)	70～106			
Mechanical parameter				
Dimensions(H*W*D)(mm)	1400*600*600		2000*600*600	
weight(kg)	≤170		≤270	
IP degree	IP31			

Model	EVDC-40KW-7	EVDC-50KW-7	EVDC-80KW-7	EVDC-150KW-7
Input				
Input voltage(V)	323～475（three phases）			
Input current(A)	≤100	≤110	≤220	≤300
Input frequency(Hz)	45～65			
Efficiency	≥95%			
Input PF	≥0.99			
Input THD	≤5%）			
Output				
Output voltage range	700Vdc series：300～700V			
Output rated current	60	75	120	212
Max output current	65	81	130	225
Soft start time(S)	3～8			
constant current range	10%～100%			
Voltage precision	≤±0.5%			

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Current precision	≤±0.5%			
Ripple factor	≤1%			
Current sharing unbalance degree	≤±3%, (50%～100% rated load)			
noise(dB)	<65			
Charging configuration and executive standard				
Charging plug number	/			
Charging cable length(m)	/			
Communication protocol executive standard	GB/T 27930-2011, NB/T 33003-2010			
Charger executive standard	NB/T 33001-2010, NB/T 33008.1-2013			
Environmental parameter				
Operating temperature(℃)	-20～+50			
Storage temperature(℃)	-40～+80			
Relative humidity	≤95%			
Atmospheric pressure(kPa)	70～106			
Mechanical parameter				
Dimensions(H*W*D)(mm)	1400*600*600		2000*600*600	
weight(kg)	≤170		≤270	
IP degree	IP31			