Outdoor Pavilion integrate DC charging device

Using for Distributed electric vehicle recharging network for electric vehicle charger, it can rapid and effective deployment of charging network, providing high-power charging for electric vehicles. An outdoor integrate DC charger is made of an outdoor Pavilion, an integrate DC charger and a charger handing gun pile. Each rectifier cabinet can install maximum 20pcs rectifier modules. Applicable to the operation of the charging stations, private car parking uses.

Outdoor Pavilion integrate DC charger I series: output voltage from DC200V ～ 400V(adjustable),one unit maximum output power is 120kw
Outdoor Pavilion integrate DC charger II series: output voltage from DC400V ～ 700V(adjustable),one unit maximum output power is 120kw

Product feature:

Outdoor integration design convenient and intelligent, support 4 electric vehicle charging at the same time, the internal structure of modular design, meet the capacity requirements and finishing module with three-phase active APFC dynamic adjustment module to enable the perfect duct design, implement rectification, control, output, such as measurement of integration design with complete protection: high voltage, low protection; Output over-voltage/under-voltage, over current protection, temperature protection, overload protection, the battery reverse connect protection, impact current surge protection

Model	EVDC-120KW-4HW	EVDC-120KW-7HW
Input		
Input voltage(V)	323～475（three phases）	
Input current(A)	≤220	
Input frequency(Hz)	45～65	
Efficiency	≥95.5%	
Input PF	≥0.99	
Input THD	≤5%）	
Output		
Output voltage range	400Vdc series：200～400V	700Vdc series：300～700V
Output rated current	300	170

Max output current	320	190
Soft start time(S)	3～8	
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)	<55	
Charging configuration and executive standard		
Charging plug number	4	
Charging cable length(m)	3.5	
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)	2900x1120x1060	
weight(kg)	≤950	
IP degree	IP44	