

MS-LC430-2H2 (EU)
MS-LC430-BC-2 (EU)
MS-DC420-2 & MS-DCC180-2 (EU)

Technical Data

Model	MS-DC420-2 (420kW DC charge power cabinet)	
DC Input Data		
Input standard	DC+ / DC- / PE	
DC input voltage range	200Vdc ~ 850Vdc	
DC input current range	≤640A	
DC rated input power	420kW @400Vdc≤Vin≤850Vdc	
DC Output Data		
Dc output voltage range	50Vdc ~ 1000Vdc	
Dc output current range	8 branches, max 250A each	
Environmental Conditions		
Operating Temperature Range (°C)	-30°C to +55°C (derating above 55°C)	
Storage Temperature (°C)	-40°C to +60°C	
Humidity	≤ 95%RH, no condensation	
Cooling	Forced air cooling	
Altitude	≤2000m (Derated when higher than 2000m)	
IP Rating of Enclosure	≥IP54	
Other Parameters		
Efficiency	≥ 97.5%, @full load	
Dimension (W × H × D, mm)	1250 × 2450 × 1000mm	
Approximate Weight (kg)	600kg	

Model	MS-DCC180-2 (DC charging terminal)	
DC Input Data		
DC Input Voltage Range (V)	50Vdc ~ 1000Vdc	
Input number	2 DC inputs	
DC Output Data		
Output interface	1 pile 2 guns, each gun 180kW charging power, support the CCS2 charging standard interface	
DC Output range	50Vdc ~ 1000Vdc	
Max. Output Power (W)	Single gun Max 180kW @300 ~ 1000Vdc (conventional terminal)	
Max. Output Current	Single gun Max. 250A	
Environmental Conditions		
Operating Temperature Range (°C)	-30°C to +55°C (derating above 55°C)	
Storage Temperature (°C)	-40°C to +60°C	
Humidity	≤ 95%RH, no condensation	
Cooling	Natural cooling	
Altitude	≤2000m	
IP Rating of Enclosure	≥IP54	
Other Parameters		
Dimension (W × H × D, mm)	1100 × 2200 × 400mm	
Approximate Weight (kg)	280kg	



Integrated energy storage and charging application

Support up to four sets of double-gun charging terminals
Split type DC fast charging, With a maximum DC charging power of up to 180kW for a single gun
Supports flexible charging power distribution Adaptable to CCS2 charging interfaces
To solve the problem of insufficient capacity of new energy vehicles to access the distribution grid

