

C1200&EV1200

The C1200 charging stack adopts a liquid-cooled, modular distributed design. It can pair with the EV1200 supercharger to achieve megawatt-level power output, and integrate with multiple fast-charging piles. This solution simultaneously meets the charging demands of diverse vehicles including passenger cars, commercial vehicles, heavy-duty trucks, electric buses, construction machinery, and special-purpose vehicles.



Flexible Configuration

Supports liquid-cooled ultra-fast charging stations and fast charging stations, meeting both ultra-fast and fast charging needs for heavy-duty trucks and passenger vehicles in all scenarios



Top Performance

Delivers ultra-wide 200V-1000V output and max 1.2MW power; DC-coupled architecture boosts overall efficiency by up to 6%



Superior Cooling

Full product line with liquid-cooled design extends lifespan and increases heat dissipation efficiency by over 50%

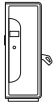
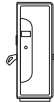


Safety & Reliability

Features E-stop, over/under-voltage, overcurrent, and overtemperature protection plus IP55 rating

SPECIFICATION

Model		C1200-DC-EN
Charging Stack		
Total Power	1200kW	
Input Voltage Range	300~900Vdc	
Max. Input Current	2000A	
Output Voltage Range	200~1000Vdc	
Max. Output Current	800A*2, 1500A*1	
Output Voltage Error	≤±0.5%	
System		
Weight	Approx. 1.8T (TBD)	
Dimension (W/D/H)	2000/1100/2150mm (TBD)	
Max. Efficiency	98%	
Operating Temperature	-30~50°C	
Operating Humidity	0~95%RH (Non-condensing)	
Ingress Protection	IP55	
Anti-corrosion Grade	C3 (Optional C5)	
Cooling Method	Liquid-cooling	
Elevation	3000m (Derating above 2000m)	
Output Protection	Over/Under voltage, Over-current, Short-circuit, Over-temperature, Communication, Anti-reverse current protection	

Model	EV1200-S-CCS2	EV1200-D-CCS2
Charging Pile		
Max. Charging Power	1200kW	1200kW
Output Voltage Range	200~1000Vdc	200~1000Vdc
Max. Output Current	1500A	800A*2
Output Voltage Error	$\leq \pm 0.5\%$	$\leq \pm 0.5\%$
Weight	180kg (TBD)	190kg (TBD)
Dimension (W/D/H)	600/430/1680mm	
Max. Efficiency	97%	
Operating Temperature	-30~50°C	
Operating Humidity	0~95%RH (Non-condensing)	
Ingress Protection	IP55	
Anti-corrosion Grade	C3 (Optional C5)	
Cooling Method	Liquid-cooling	
Elevation	4000m (Derating above 2000m)	
Output Protection	Over-voltage, Over-current protection	

