

Injet HanYuanTM

DC Flexible Ultra Mega Charger



Ultra fast

- Designed for ultra-high-power charging hubs
- Up to 1920kW total output
- Liquid Cooling Satellite delivers up to 500A

Efficient

- Lower CAPEX and higher operational revenue
- Up to 1.9% improvement in overall system efficiency
- Up to 40% reduction in cable costs

Reliable

- OCPP 1.6J & 2.0.1 Security Level III & Cloud based EMS system
- High-protection enclosure + enhanced thermal management

Scalable





- Modular power architecture, scalable from 480kW to 1920kW
- Supports simultaneous charging for up to 48 Evs
- Compatible with PV and energy storage integration
- Inter-cabinet power distribution




Product Features

1. Flexible modular architecture for scalable deployment
2. Intelligent global power scheduling algorithm
3. Multi-standard charging interfaces compatibility
4. MCS upgradable
5. Flexible satellite configuration for diverse station layouts
6. Optimized system efficiency for maximum energy utilization
7. PV + ESS integration ready
8. Remote operation and diagnostics


Specification of Power Cabinet

Item		Injet HanYuan-Power Cabinet			
Output	Maximum Output Power	480kW	960kW	1440kW	1920kW
	Appearance				
	Max Number of DC Outputs For Each Output Type	8	16	24	32
	Output DC Voltage Range	150–1000V DC			
	Maximum DC Current Per Output	Up to 600 A per DC circuit			
	Power Module	40kW SiC			
	Granularity of Output Power	40kW			
Input	AC Nominal Voltage	(CE): 400Vac ± 10% (NA): 480Vac ± 10%			
	AC Rated Input Current	800A per cabinet			
	Frequency	50 Hz / 60 Hz ± 5%			
	Network Type	Three-phase +PE, TN-C/TN-S, TT			
	Power Factor	≥ 0.99			
Operating Conditions	Operating Temperature	-30° up to +55°C with derating			
	Altitude	Up to 2000 m			
	Storage Temperature	-40°C to +55°C			
	Humidity	10% - 95% relative (non-condensing)			
	Installation	Indoor and outdoor			
	Type of Installation	Floor mounted on foundation			
	Ingress Protection	IP54			
	Impact Protection	IK10; NEMA 3R			
Dimensions	Dimension(H*W*D)mm	2150*750*1100			
Remote Management	Remote Management	Diagnostics, software updates			
Standards	Network Connections	Router (4G, Ethernet, WiFi)			
	Network Communications Protocol	OCPP 1.6J, OCPP 2.0.1			
Electrical Protections	Electrical Protections	Over/undervoltage, surge protection, fire protection, leakage current protection, device overtemperature, overcurrent, etc.			

Specification of Liquid Cooling Satellite

Item		Injet HanYuan-Liquid Cooling Satellite
Output	Charging Interfaces	1* CCS1 / 1* CCS2 / 1*GBT
	Output DC Voltage Range	150-1000V DC
	Maximum DC Current	500A
	Cable Lengths	5m / 7.5m
	Appearance	
Input	DC Current	Up to 600 A per DC circuit
	DC Circuits from Power Cabinet	1
	AC Supply	Three-phase AC provided by Power Cabinet
	Communication with Power Cabinet	Ethernet
Operating Conditions	Operating Temperature	-30°to+50°
	Altitude	< 2500m
	Storage Temperature	-40°to+50°
	Humidity	10% - 95% relative (non-condensing)
	Installation	Indoor and outdoor
	Type of Installation	Floor mounted on foundation
	Ingress Protection	IP54
Impact Protection	IK10; NEMA 3R	
Dimensions	Dimension(H*W*D)mm	2093*587*314 (without cable management) 2278*587*314 (5m cable reel) 2701*587*314 (7m cable reel)
User interface	User Interface	10' HD LCD+ Emergency button (Optional)
	User Authorization	APP, RFID card, QR code, Credit Card (Optional), PnC, MAC address
	Language	English, French, Germany, Italian, Spanish
	Accessibility	Meets ADA, PAS 1899 Requirements
Remote Management	Remote Management	Diagnostics, software updates
Certification & Standards	Certification	(CE): CE (NA): CSA, FCC
	Standard Protocol	IEC 61851-23, ISO 15118-2, DIN 70121
	RFID System	ISO 14443

Specification of Natural Cooling Satellite

Item		Injet HanYuan-Natural Cooling Satellite
Output	Charging Interfaces	2*CCS1, 2*CCS2, 2*GBT, 1*CCS1+1*NACS
	Output DC Voltage Range	150-1000V DC
	Maximum DC Current	300A
	Cable Lengths	5m/ 7.5m
	Appearance	
Input	DC Current	Up to 300A per DC circuit
	DC Circuits from Power Cabinet	1, 2
	AC Supply	Three-phase AC provided by Power Cabinet
	Communication with Power Cabinet	Ethernet
Operating Conditions	Operating Temperature	-30°to+50°
	Altitude	< 2500m
	Storage Temperature	-40°to+50°
	Humidity	10% - 95% relative (non-condensing)
	Installation	Indoor and outdoor
	Type of Installation	Floor mounted on foundation
	Ingress Protection	IP54
Impact Protection	IK10; NEMA 3R	
Dimensions	Dimension(H*W*D)mm	2093*587*314 (without cable management) 2278*587*314 (5m cable reel) 2701*587*314 (7m cable reel)
User interface	User Interface	10' HD LCD+ Emergency button (Optional)
	User Authorization	APP, RFID card, QR code, Credit Card (Optional), PnC, MAC address
	Language	English, French, Germany, Italian, Spanish
	Accessibility	Meets ADA, PAS 1899 Requirements
Remote Management	Remote Management	Diagnostics, software updates
Certification & Standards	Certification	(CE): CE (NA): CSA, FCC
	Standard Protocol	IEC 61851-23, ISO 15118-2, DIN 70121
	RFID System	ISO 14443