



4 x 400kW  
2 x 200kW  
Satellite charger



## Technical specification

Specification	Charger Power Unit
Rated AC Input	Main power: L1+L2+L3+PE, AC 400V, 50/60Hz Auxiliary power supply: L+N, AC 230V, 50/60Hz
Rated output voltage	150~1000 VDC
Constant power output range	300 V~1000V DC
Supercharging output port	4 ports, 600A/port (Long term operation)
Normal charging output port	2 ports, 300A/port (Long term operation)
Communication interface	Ethernet + 4G
Communication Protocol	OCPP 1.6J
Communication	Ethernet/3G/4G/OCPP communication
Efficiency	≥95% (@ Full load)
Power factor	≥0.99 (@ Full load)
Protection	Overcurrent, overvoltage/undervoltage, overload, short circuit, leakage, temperature control
Dimension (W×D×H, mm)	2200×1230×2200

Specification	Charger satellite	
Cooling method	Liquid cooled	Air cooled
Input power	≤500kW	≤300kW
Rated input	Main loop: 150: 1000 VDC, ≤500A Auxiliary power supply: L1+N, AC 230V, 50/60Hz	Main loop: 150: 1000 VDC, ≤300A Auxiliary power supply: L1+N, AC 230V, 50/60Hz
Charging connector	1 CCS2 plug, Liquid cooled charging cable & connector, total length=7m (4.5 ± 0.1 meters exposed)	1 CCS2 plug, total length=7m (4.5 ± 0.1 meters exposed)
Rated output voltage	150~1000 VDC	150~1000 VDC
Constant power output range	300 V~1000V DC	300 V~1000V DC
Output current	500A (Long term operation)	300A (Long term operation)
Measuring method	DC side metering	
HMI	7-inch color touch screen with multi language	
Charging method	Mobicom-pro Software	
Protection	Overcurrent, overvoltage/undervoltage, overload, short circuit	
Charging protocol	ISO 15118, DIN 70121	
Dimension (W×D×H, mm)	360×585×1585	

Operation environment	
Location	Indoor / outdoor
Ingress protection	IP54 + IK10 (Excluding display screen)
Altitude	≤2000m
Operation temperature	-25°C~50°C
Work humidity	≤95%RH, no water droplet condensation