

	60kW	80kW	120kW	160kW
Mechanical				
Dimensions (W×D×H)	700×450×1650 mm	700×450×1650 mm	700×450×1650 mm	700×450×1650 mm
Cooling System	Forced air cooling	Forced air cooling	Forced air cooling	Forced air cooling
Maintenance & Installation	Front-door maintenance, supports against wall installation	Front-door maintenance, supports against wall installation	Front-door maintenance, supports against wall installation	Front-door maintenance, supports against wall installation
Electrical				
Input System	Three-phase five-wire system (3P+N+PE)	Three-phase five-wire system (3P+N+PE)	Three-phase five-wire system (3P+N+PE)	Three-phase five-wire system (3P+N+PE)
Rated Input Voltage	380 Vac ± 20%	380 Vac ± 20%	380 Vac ± 20%	380 Vac ± 20%
Grid Frequency	45 ~ 65 Hz	45 ~ 65 Hz	45 ~ 65 Hz	45 ~ 65 Hz
Power Factor (PF)	≥ 0.99	≥ 0.99	≥ 0.99	≥ 0.99
THDi	≤ 5%	≤ 5%	≤ 5%	≤ 5%
Output Voltage	DC 150 ~ 1000 V	DC 150 ~ 1000 V	DC 150 ~ 1000 V	DC 150 ~ 1000 V
Constant Power Range	DC 300 ~ 1000 V	DC 300 ~ 1000 V	DC 300 ~ 1000 V	DC 300 ~ 1000 V
System Efficiency	≥ 96% (At half load and above)	≥ 96% (At half load and above)	≥ 96% (At half load and above)	≥ 96% (At half load and above)
Auxiliary Power Output	Default 12 V, optional 24 V, supports manual/automatic switching	Default 12 V, optional 24 V, supports manual/automatic switching	Default 12 V, optional 24 V, supports manual/automatic switching	Default 12 V, optional 24 V, supports manual/automatic switching
Standby Power Consumption	≤ 20 W	≤ 20 W	≤ 20 W	≤ 20 W
Output Channels	Supports single/dual connector	Supports single/dual connector	Supports single/dual connector configurations	Supports single/dual connector configurations
Max. Current / Single Connector	200 A	250 A	250 A	250 A
Max. Current / Total System	200 A	267 A	400 A	500 A
Functional Features				
Activation / Start Method	Password / QR Code / IC Card / VIN / Plug & Charge	Password / QR Code / IC Card / VIN / Plug & Charge	Password / QR Code / IC Card / VIN / Plug & Charge	Password / QR Code / IC Card / VIN / Plug & Charge
HMI (Human-Machine Interface)	10.1-inch color HD touchscreen (Peak brightness 900 nits)	10.1-inch color HD touchscreen (Peak brightness 900 nits)	10.1-inch color HD touchscreen (Peak brightness 900 nits)	10.1-inch color HD touchscreen (Peak brightness 900 nits)
Communication & Network				
BMS Communication	Compatible with old and new standards, meeting the charging needs of old and new vehicle models			
Remote Communication	Ethernet, 4G module (Free data during warranty period), Wi-Fi, Bluetooth			
Environment & Protection				
Operating Temperature	-30°C ~ +70°C (Derating above 55°C)	-30°C ~ +70°C (Derating above 55°C)	-30°C ~ +70°C (Derating above 55°C)	-30°C ~ +70°C (Derating above 55°C)
Storage Temperature	-40°C ~ +75°C	-40°C ~ +75°C	-40°C ~ +75°C	-40°C ~ +75°C
Operating Humidity	5% ~ 95% RH, non-condensing	5% ~ 95% RH, non-condensing	5% ~ 95% RH, non-condensing	5% ~ 95% RH, non-condensing
Altitude	≤ 2000m (Derating above 2000m)	≤ 2000m (Derating above 2000m)	≤ 2000m (Derating above 2000m)	≤ 2000m (Derating above 2000m)
Noise Level	≤ 65 dB (at 1m distance from enclosure)	≤ 65 dB (at 1m distance from enclosure)	≤ 65 dB (at 1m distance from enclosure)	≤ 65 dB (at 1m distance from enclosure)
Protection Rating	IP55	IP55	IP55	IP55
Dustproof Class	G3-level dust filter	G3-level dust filter	G3-level dust filter	G3-level dust filter
Safety Protection				
Protection Functions	Input over/under voltage protection, Output overvoltage protection, Output overcurrent protection, Short circuit protection, Battery reverse connection protection, Insulation monitoring protection, Door enclosure protection, BMS data anomaly protection, Emergency stop protection, Electromagnetic lock anomaly protection, Abnormal un-plugging protection, Lightning/Surge protection, Anti-tilt alarm protection (optional), Flooding/Water-immersion alarm protection (optional), etc.			