

Model	INCEVD-180A	INCEVD-240A	INCEVD-320A	INCEVD-400A
<b>Mechanical</b>				
Cooling System	Forced air cooling	Forced air cooling	Forced air cooling	Forced air cooling
Activation / Start Method	Password, QR Code, IC Card, VIN, Plug &	Password, QR Code, IC Card, VIN, Plug &	Password, QR Code, IC Card, Plug & Charge	Password, QR Code, IC Card, Plug & Charge
Dimensions (W×D×H)	750×600×1800 mm	750×600×1800 mm	800×800×2000 mm	800×800×2000 mm
Maintenance & Installation	Front-door maintenance, supports against wall installation			
<b>Electrical</b>				
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	≤ 20 W	≤ 20 W	≤ 20 W	≤ 20 W
Output Channels	Supports single/dual connector configurations	Supports single/dual connector configurations	Supports single/dual connector configurations	Supports single/dual connector configurations
Max. Current / Single	250 A	250 A	250 A	300 A
Max. Current / Total	500 A	500 A	500 A	600 A
<b>Operating Environment</b>				
Operating Temperature	-30°C ~ +70°C (Derating above 55°C)			
Storage Temperature	-40°C ~ +75°C			
Operating Humidity	5% ~ 95% RH, non-condensing			
Altitude	≤ 2000m (Output derated above 2000m)			
Noise Level	≤ 65 dB (at 1m distance from enclosure)			
<b>Monitoring Communication</b>				
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			
HMI	7-inch color HD touchscreen (Peak brightness 900 nits)			
<b>Safety Protection</b>				
Dustproof Class	G3-level dust filter			
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.			