

Model	INCEVD-360A	INCEVD-480A	INCEVD-360L	INCEVD-480L
<b>Mechanical</b>				
Cooling System	Matrix: Forced air cooling;	Matrix: Forced air cooling;	Matrix: Liquid cooling;	Matrix: Liquid cooling;
Activation / Start Method	Password, QR Code, IC Card, VIN, Plug &	Password, QR Code, IC Card, VIN, Plug &	Password, QR Code, IC Card, VIN, Plug &	Password, QR Code, IC Card, VIN, Plug &
Dimensions (Matrix)	1000×850×1900 mm	1000×850×1900 mm	1700×900×2230 mm	1700×900×2230 mm
Dimensions (Fast Charge Single/Dual-Plug)	400×240×1350 mm	400×240×1350 mm	400×240×1350 mm	400×240×1350 mm
Dimensions (Supercharge Single-Plug)	500×300×1600 mm	500×300×1600 mm	500×300×1600 mm	500×300×1600 mm
Maintenance & Installation	Matrix: Front/rear door access; Fast charge terminal: Front door access, close-to-wall setup; Supercharge terminal: Front door access, close-to-wall setup			
Notes	1. 600A liquid-cooled cable supports max 7m; 2. 800A liquid-cooled cable supports max 5m; 3. Customized products are subject to technical agreements.			
<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
Power Distribution	Intelligent scheduling, allocation on demand	Intelligent scheduling, allocation on demand	Intelligent scheduling, allocation on demand	Intelligent scheduling, allocation on demand
Standby Power Consumption	≤ 100 W	≤ 100 W	≤ 100 W	≤ 100 W
Output Channels	2 to 6 connectors	2 to 8 connectors, supports 1 supercharging	2 to 6 connectors	2 to 8 connectors, supports 1 supercharging
Max. Current / Total System	1200 A	1600 A	1200 A	1600 A
Terminal Output Current	Fast charge single-plug: 250A; Fast charge dual-plug: 250A×2; Supercharge single-plug: 600A / 800A; Customized terminal: 1000A	Fast charge single-plug: 250A; Fast charge dual-plug: 250A×2; Supercharge single-plug: 600A / 800A; Customized terminal: 1000A	Fast charge single-plug: 250A; Fast charge dual-plug: 250A×2; Supercharge single-plug: 600A / 800A; Customized terminal: 1000A	Fast charge single-plug: 250A; Fast charge dual-plug: 250A×2; Supercharge single-plug: 600A / 800A; Customized terminal: 1000A
<b>Operating Environment</b>				
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 (Output derated above 2000m)	≤ 2000m (Output derated above 2000m)	≤ 2000m (Output derated above 2000m)	≤ 2000m (Output derated 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)
<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 - 10.1 inch color HD touchscreen (Peak brightness 900 nits)			
<b>Safety Protection</b>				

Protection Rating	IP55 for system enclosure	IP55 for system enclosure	IP65 for power & distribution compartment, IP54 for heat exchange compartment	IP65 for power & distribution compartment, IP54 for heat exchange compartment
Dustproof Class	G3-level dust filter	G3-level dust filter	G3-level dust filter	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.			