

CHARGE UP AND GO



Alpha Omega Computing LLC



Electrify HUB

FLEET MASTER 120kW

Welcome to Electrify Hub's range of Mobile Charging Units (MCU), solutions that will accelerate your "Electrification" infrastructure needs with on demand off-grid EV charging solutions. Electrify Hubs 120kW MCUs are portable, reliable, efficient, cost effective and are an environmentally friendly low-emission alternative. Our series of off-grid Mobile Charging Units are designed to keep your EV charging vehicles and related services powered up and working for you. Be unstoppable with our Fleet Master 120kW MCU- because your EV and Electrical Equipment shouldn't be limited by the lack of electrical power availability at any location.

Fleet Master 120kW MCU will provide reliable charging capacity to your onsite or offsite charging locations. All of our mobile charging units are a culmination of designed versatility, built-in reliability, modern design, and quality engineering and workmanship. Our MCUs will deliver consistent and high-speed charging capacities in even the harshest environments. Lastly, we back each of our units up with a fully comprehensive warranty as a show of confidence in our products.

Applications: Logistics Industry, Fleet Industry, Ride Share Services, Off Grid EV Charge Stations, National and Regional Emergency Services, Domestic and International Airports & Sea Ports, EV Testing

Grounds, Oil & Gas Industry, Mining Industry, Construction Industry, Agricultural Industry, and Outdoor concerts, festivals, and trade shows, and other industries with electrification needs.

MCU Variations: Fleet Master: Trailer Mounted, Fleet Sentinel: Truck Mounted, Fleet Guardian: Skid Mounted Contact Information: Andrew Richard I (o) 470.761.6166 X105 I (m) 770.823.7973 I Andrew.Richard@electrifyhub.com







ADDITIONAL OPTIONS

Electrify HUB

External Fuel Tanks
Solar Panels for Battery Charging
Surveillance Camera for Remore Viewing
Custom Exterior Colors
Custom Exterior Logos/Graphics

GPS Tracking

Extended Warranty (up to 5 Years)
Electrify Hub Maintenance Program

	STANDARD FEATURES (120kW MCU Fleet Master)
	EPA Prime Certified.
	Propane. (All units can be Dual Fuel LP, RLP, RNG, and NG.)
Engine	PSI PROPANE, 3 Ph, Open Frame Generator. EPA Emergency Standby.
	ComAp Controls - INTELILITE MRS16 Genset Auto Controller
	Mounted on Steel Skid With Rubber Isolators. Remote Oil Drain, Battery, Muffler, Fluids, Hi-Temp/Low Oil Shutdown Included.
Transformer	Buck/Booster Transformer 3 kVa (15 amp at 120V) 240-480V In-120-240V Out. UL Listed, Dimensions 8.70"W x 10.50"H x 6.50"D
	Industrial grade powder coated aluminum enclosure with steel skid, - ul-94, mvss 302, & hf-1 certified, foil backed, level 2 sound attenuating
Enclosure - level 2 critical	barrier foam installed, locks for security and ease of maintenance, stainless steel latches and hardware, and locking door for key start/auto
	controller.
Standard Color	White Color
Remote Access	Web Supervisor. Remote Generator Monitoring & Control (1 Year Term of Service)
Emergency Stop	Remote Emergency STOP Button
Power Source	3 Phase 480 Volt
Backup Battery System	24V-additional, isolated battery(s) for emergency jump start of primary battery bank. includes islolated charging system and switch gear for
backup battery system	easy simple use and protection from discharge from main starting batteries.
Battery Charger	Solar battery charger 400 watts
Breaker	Main disconnect breaker
Load Bank	Upto 1mW, installation and wiring for load and controls to trailer and generator
Block Heater	1500W, Thermostatically Controlled, Circulation Type
Fuel Tank	238 gallon dot LP tanks, emergency propane shut off valve w/ 25' cable
EV Charger	120kW DCFC Charger with roll-up door.
Trailer	Tri-axle trailer
Other Standard Features	Receptacle - 2 X L2 + 1 x L3
	GFCI Duplex Outlet - 1 Gang / 2 Receptacles, • 20 Amp - 110 Volt - 2 Pole - 3 Wire, • NEMA 5-20R, • UL Listed / CSA Certified
	Circuit Breaker, • UL Listed / CSA Certified
	NEMA 3R Cover, Wiring, Installation, & Testing
	NOCO AC power inlet port for mobile use
	Low Coolant Level Switch
	Kenco Low Oil Level Switch
	5 gallon oil reservoir with 36" stand
	External LP/NG Skid Passthrough Supply Connection
	External Oil Drain- Flanged to Pass Through Frame or Skid
	20 lb abc 10a:120bc fire extinguisher
	Heavy duty vehicle fire extinguisher brackets
	EVSE LP plumbing kit for tank hookups and filling

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Electrify HUB

FLEET MASTER 180kW

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Fleet Master 180kW MCU will provide reliable charging capacity to your onsite or offsite charging locations. All of our mobile charging units are a culmination of designed versatility, built-in reliability, modern design, and quality engineering and workmanship. Our MCUs will deliver consistent and high-speed charging capacities in even the harshest environments. Lastly, we back each of our units up with a fully comprehensive warranty as a show of confidence in our products.

Applications: Logistics Industry, Fleet Industry, Ride Share Services, Off Grid EV Charge Stations, National and

Regional Emergency Services, Domestic and International Airports & Sea Ports, EV Testing Grounds, Oil & Gas Industry, Mining Industry, Construction Industry, Agricultural Industry, and Outdoor concerts, festivals, and trade shows, and other industries with electrification needs.

MCU Variations: Fleet Master: Trailer Mounted. Fleet Guardian: Skid Mounted.

Contact Information: Andrew Richard I (o) 470.761.6166 X105 I (m) 770.823.7973 I Andrew Richard@electrifyhub.com







ADDITIONAL OPTIONS

Electrify HUB

External Fuel Tanks
Solar Panels for Battery Charging
Surveillance Camera for Remore Viewing
Custom Exterior Colors
Custom Exterior Logos/Graphics
GPS Tracking
Extended Warranty (up to 5 Years)

Electrify Hub Maintenance Program

	STANDARD FEATURES (180kW MCU Fleet Master)
	EPA Prime Certified.
	Propane. (All units can be Dual Fuel LP, RLP, RNG, and NG.)
Engine	PSI PROPANE, 3 Ph, Open Frame Generator. EPA Emergency Standby.
	ComAp Controls - INTELILITE MRS16 Genset Auto Controller
	Mounted on Steel Skid With Rubber Isolators. Remote Oil Drain, Battery, Muffler, Fluids, Hi-Temp/Low Oil Shutdown Included.
Transformer	Buck/Booster Transformer 3 kVa (15 amp at 120V) 240-480V In-120-240V Out. UL Listed, Dimensions 8.70"W x 10.50"H x 6.50"D
	Industrial grade powder coated aluminum enclosure with steel skid, - ul-94, mvss 302, & hf-1 certified, foil backed, level 2 sound attenuating
Enclosure - level 2 critical	barrier foam installed, locks for security and ease of maintenance, stainless steel latches and hardware, and locking door for key start/auto
	controller.
Standard Color	White Color
Remote Access	Web Supervisor. Remote Generator Monitoring & Control (1 Year Term of Service)
Emergency Stop	Remote Emergency STOP Button
Power Source	3 Phase 480 Volt
Backup Battery System	24V-additional, isolated battery(s) for emergency jump start of primary battery bank. includes islolated charging system and switch gear for
backup battery system	easy simple use and protection from discharge from main starting batteries.
Battery Charger	Solar battery charger 400 watts
Breaker	Main disconnect breaker
Load Bank	Upto 1mW, installation and wiring for load and controls to trailer and generator
Block Heater	1500W, Thermostatically Controlled, Circulation Type
Fuel Tank	238 gallon dot LP tanks, emergency propane shut off valve w/ 25' cable
EV Charger	180kW DCFC Charger with roll-up door.
Trailer	Tri-axle trailer
Other Standard Features	Receptacle - 2 X L2 + 1 x L3
	GFCI Duplex Outlet - 1 Gang / 2 Receptacles, • 20 Amp - 110 Volt - 2 Pole - 3 Wire, • NEMA 5-20R, • UL Listed / CSA Certified
	Circuit Breaker, • UL Listed / CSA Certified
	NEMA 3R Cover, Wiring, Installation, & Testing
	NOCO AC power inlet port for mobile use
	Low Coolant Level Switch
	Kenco Low Oil Level Switch
	5 gallon oil reservoir with 36" stand
	External LP/NG Skid Passthrough Supply Connection
	External Oil Drain- Flanged to Pass Through Frame or Skid
	20 lb abc 10a:120bc fire extinguisher
	Heavy duty vehicle fire extinguisher brackets
	EVSE LP plumbing kit for tank hookups and filling
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Electrify HUB

FLEET MASTER 400kW

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MCU Variations: Fleet Master: Trailer Mounted, Fleet Guardian: Skid Mounted

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ADDITIONAL OPTIONS

External Fuel Tanks

Solar Panels for Battery Charging

Surveillance Camera for Remore Viewing

Custom Exterior Colors

Custom Exterior Logos/Graphics

GPS Tracking

Extended Warranty (up to 5 Years)

Electrify Hub Maintenance Program

	STANDARD FEATURES (400kW MCU Fleet Master)
	Tier 4 Final EPA Certified Diesel Engine
Engine	455 kW (500 kW Standby) PERKINS 2806F , 3 Ph, Open Frame Generator. Mounted on Steel Skid With Rubber Isolators. Remote Oil Drain, Battery, Muffler, Fluids, Hi-
Engine	Temp/Low Oil Shutdown Included.
	Mounted on Steel Skid With Rubber Isolators. Remote Oil Drain, Battery, Muffler, Fluids, Engine Oil Pan Heater, Hi-Temp/Low Oil Shutdown Included.
Enclosure - level 3 critical	Industrial Grade Powder Coated Aluminum Enclosure with Steel Skid, UL-94, MVSS 302, & HF-1 Certified, Foil Backed, Level 2 Sound Attenuating, Barrier Foam Installed,
Enclosure - level 3 critical	Large Access Doors with Locks for Security and Ease of Maintenance, - All Stainless Steel Latches and Hardware, - Includes Locking Door for Key Start or Auto Controller.
Standard Color	Powder Coating: Polar White Color
Remote Access	Web Supervisor. Remote Generator Monitoring & Control (1 Year Term of Service)
Emergency Stop	Remote Emergency STOP Button
Power Source	3 Phase 480 Volt, MRS16 Tier 4 Final Auto Controller
Battery	House battery system 12v-additional, isolated battery(s) for powering all accessory components
Battery Charger	24v Intelicharger ibc124v05bbb
Breaker	Main disconnect breaker: 700 Amp, 3 Pole, 480 Volt, NEMA 1, Installed, Wired
Block Heater	1500W, Thermostatically Controlled, Circulation Type
Fuel Tank	DOT compliant fuel tank - 500 gallon single wall, powder coated 10 gauge steel, reinforced with internal structural supports & baffles, forged ul compliant fittings
EV Charger	400kW DCFC Charger with roll-up door.
Trailer	Elastomeric Coating for trailer deck
Other Standard Features	Receptacle - 20A 110V GFCI installed, 20A GFCI Receptacle (1 Gang / 2 Receptacles), 20 Amp Breaker
	NOCO AC power inlet port for mobile use
	E1016 series single pole cam set- 3ph 480v, rated @ 400 amps
	Murphy L150 Low Coolant Level Switch
	Kenco Low Oil Level Switch
	5 Gallon CARB / EPA Approved Coolant Reservoir w/ 36inch stand.
	External Oil Drain- Flanged to Pass Through Frame or Skid
	External Oil Drain- Flanged to Pass Through Frame or Skid
	Elastomeric Coating for Trailer Deck
	RODENT GUARDS - Intake & Exhaust
	500 Watt Wall Mounted Radiant Heater
	Awning over electric car charger
	Internal, exterior flood, & under deck lighting
MicroGen	10 kW 1 phase open frame generator, epa certified tier 4 final Perkins 403f-11g diesel engine, Remote oil drain valve installed with hose, CK-4 spec 15-40 diesel oil &
	50/50 engine coolant included, 1000 amp marine grade battery, Residential grade aluminized automotive muffler, Mounted on a steel skid with anti-vibration motor
	mounts, low oil pressure & high coolant temp shutdowns are standard
	Single Phase 120/240 V, Kenco Low Oil Level Switch, 1 gallon Oil Reserve installed, Kenco low oil level switch .
	One gallon oil reservoir, Chemical resistant hdpe, One gallon coolant reservoir, Chemical resistant hdpe.
	Comap controls - intellilite mrs16 genset auto controller, PWEB supervisor - remote generator monitoring & control (1 year term of service).
	Battery charger - 12v-6 amp pdg intelicharger, Receptacle - 20a 110v gfci,20a gfci receptacle (1 gang / 2 receptacles), 20 amp breaker.
	Remote emergency stop button , Main disconnect breaker - 40 amp 2 pole 240v NEMA 1, Sub panel for microgen, Breaker - 20 amp 2 pole 240 volt nema 1 with
	interlock.
	Microgen enclosure - level 2 critical, industrial grade powder coated aluminum enclosure with steel skid, UL-94, mvss 302, & hf-1 certified, foil backed, level 2 sound
	attenuating barrier foam installed, Large access doors with locks for security and ease of maintenance, All stainless steel latches and hardware, locking door for key
	start or auto controller.
	Rodent guard, Powder Coating - Polar White, Solar Chargers

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blueberry DATA SHEET

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blueberry



blueberry PLUS



1000 V | 125 A | 50 kW



1000 V | 125 A - 500 A | 50 kW - 600 kW



blueberry cluster





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PRODUCT HIGHLIGHTS

- Flexible & Expandable Charging Power from 120 to 480 kW.
- Premium Build & Easy Control
 Advertising display, stainless steel housing, top-brand components (LEM, ABB, Schneider).
- Smart Software & Connectivity
 LAN & 4G, OCPP 1.6 certified and OCPP 2.0.1 upgradeable, seamless backend integration. Stay up to date with OTA updates.
- Easy Installation & Maintenance
 With the patented Programmable Power Controller,
 the Ampax Pro is easy to maintain. All components are easily
 accessible and can be repaired or replaced within 60 minutes
 using standardized work steps.
- Full Certification
 CE, RoHS, RED; ETL, FCC, IC, Energy Star, CTEP/NTEP













BoostQ Series

DC Fast Charging Stations with up to 240 KW of power output

- Intelligent design for ease of installation & maintenance
- Modular technology offers power expandability from 60kw up to 240kw
- Full-featured, ideal for any charge point application

PRODUCT OVERVIEW

BoostQ Series charging stations offer 4 output options, 60KW, 120KW, 180KW & 240KW, all in 1 cabinet. Equipped with 2 charging ports and an intuitive user interface, BoostQ provides cutting-edge design with efficiency in start-up, operation and maintenance.

PRODUCT HIGHLIGHTS



SMART DESIGN + SMART TECHNOLOGY - BoostQ is engineered to provide efficiency and expandability. The exclusive PPC (Programmable Power Controller) combines 7 individual functions

and components into 1.
And our unique 30KW
power modules are
neatly stacked to provide
the needed KW output.
The PPC and modules
work together to allow
for the addition or swap
out of power in-the-field,
for service or expansion.



BoostQ SERIES SPECIFICATIONS

Input voltage rating	(20)/AC:100/ F0 / C0 H-
Input voltage rating	480VAC±10%, 50 / 60 Hz
Power wiring	3P+N+PE
Dc voltage output	150~1000VDC
Charging connector	CCS1+CCS1, CCS1+NACS (Coming soon)
Charging cable length	5 meters / 7.5 meters optional
DC power output rating	60kW / 120kW / 150kW / 180kW / 240kW
Constant power range	300~1000V DC
The maximum output current	250A, Max @300A
PF (Power Factor)	>0.98 (Load≥50%)
THD-I	≤5% (Rating voltage input, Load≥50%)
Peak efficiency	≥96%
Voltage stabilized accuracy	≤±0.5%
Current stabilized accuracy	S±106
Output voltage error	±0.5%
Output current error	≤±1% (when output current≥30A); s±0.3A (when output current<30A)
Ripple factor	≤±0.5% (RMS)
Electric energy measurement method	Measuring DC output electric energy
Connector mechanical operating life	≤10000 times, without load
User Interface &Control	
Charging control	RFID
Human-machine interface	10-inch high-contrast touch screen
Indicators	High brightness multi-color LED lights
Network interface	Ethernet (RJ-45) / 4G (Optional)
Protocol (EVSE&Backend)	OCPP 1.6J; Security Level 3; upgradable to OCPP 2.0.1 in 2024
Protocol (EVSE&EV)	DIN70121.IS015118
Environmental	
Storage temperature	-40°F to 167°F
Work temperature	-22°F to 122°F, derating output in 131°F
Work humidity	Up to 95% non-condensing
Work altitude	≤2000m
Cooling method	Forced air cooling
Protection	
Protection	Over Voltage Protection; Under Voltage Protection; Over Current Protection; Over Power Protection; Over Temperature Protection; Surge Protection Device; Short Circuit Protection; Inter Modulation Distortion.
Mechanical	1
Protection ratings	Type 3R
Dimension (W×D×H)	1040mm x 580mm x 2200mm / 40.94" x 22.83" x 86.6"
Net weight	384kg (60kW) / 416kg (120kW) / 432kg (150kW) / 448kg (180kW) / 480kg (240kW
Enclosure material	Metal
Color	RAL 7032 (Grey)

USER INTERFACE



- 1 Cable Management w/LED Indicator
- 2 Optional Display Graphics
- 3 Emergency Stop Button
- 4 RFID Reader

- **5** LCD Screen
- **6** Charging Connector A
- **7** Charging Connector B

AVAILABLE CONNECTORS & ADAPTERS





CCS2







CHAdeMO



TESLA (NACS)







blueberry blueberry cluster

INPUT			
Input Voltage [V ac]	3x480±10%+PE	3x480±10%+PE	3x480±10%+PE
Max. Input Current @Pnominal [A]	76	N*76	N*76
Input Power [kVA]	53	N* 53	N* 53
Input Frequency [Hz]	60 ± 5%	60 ± 5%	60 ± 5%
Maximum Efficiency [%]	95	95	95
Power Factor	> 0.99	> 0.99	> 0.99
THDi [%]	< 5	< 5	< 5
OUTPUT CCS			
Voltage Range [V dc]	150 to 1000	150 to 1000	150 to 1000
Max. Current [A dc]	125	125, 300, 500	125, 300
Max. Power [kW]	50	N* 50	N* 50
OUTPUT CHAdeMO			
Voltage Range [V dc]	150 to 500	150 to 500	150 to 500
Max. Current [A dc]	125	125, 200	125, 200
Max. Power [kW]	50	N* 50	N* 50
STANDARDS			
DC Charging EN IEC (61851-1; EN 61851-23;IEC 6185 UI	1-21-2/ISO15118 including Plug&Ch _ 2231-1/ UL 2231-2/ UL 2202	narge/DIN70121; CHAdeMO 2.0
Connection	CC	CS1 (IEC 62196-3) / JEVS (G105)	
EMC emission	IEC 6100	0-6-4, Optional: IEC 61000-6-3, Res	idential
EMC immunity		IEC 61000-6-2, Industrial	

^{*} N - number of power modules







blueberry blueberry cluster

ENVIROMENT				
Operating Temperature [°F]	-31; +122	-31; +122	-31; +122	
Max. Elevation [ft]	6561	6561	6561	
Protection Degree	NEMA3R	NEMA3R	NEMA3R	
Humidity [%]	5 to 95, non-condensing	5 to 95, non-condensing	5 to 95, non-condensing	
Operating Noise Level [dBA] @1 m	<55	<55 Power Unit: <60	<55 Power Unit: <60	
НМІ				
Contactless card specification	ISO/IEC 14443A/B, ISO/IEC 15393; Mifare; NFC reader mode; Optional credit card reader, Google Pay, Apple Pay			
Local Interface	Touch screen 32"/ Mobile App	Touch screen 32"/ Mobile App	Touch screen 32"/ Mobile App	
Communication Protocol	OCPP1.6 / 2.0	OCPP1.6 / 2.0	OCPP1.6 / 2.0	
Network Connection	2G/3G/4G (LTE) Modem; 10/100 Base-T Ethernet	2G/3G/4G (LTE) Modem; 10/100 Base-T Ethernet	2G/3G/4G (LTE) Modem; 10/100 Base-T Ethernet	
MECHANICAL				
Dimensions [HxDxW] [in]	78.74 x 15.94 x 27.16 (Kiosk)	76.77 × 59.25 × 38.11 (Power Unit) 78.74 × 15.94 × 27.16 (Kiosk)	76.77 x 59.25 x 38.11 (Power Unit 78,74 x 15,94 x 27,16 (Satellite)	
Impact Protection	IK10 including display	IK10 including display	IK10 including display	
Housing	Steel	Steel	Steel	
Corrosion Protection (ISO12944:2018)	C5	C5	C5	

All values @ 77°F except where indicated

Non-contractual information. i-charging reserves the right to change this specification.



- Ideal for commercial EV charging
- LAN-Wi-Fi or LAN-Wi-Fi-4G options for connection for Central Management System
- Supports RFID card & QR code for user authentication and management
- Input: 200Vac~240Vac
- Modern, ergonomic and customizable design
- Optional 5 inch LCD display
- IP protection class for outdoors: NEMA4
- Supports Over the Air Technology
- Charging interface: SAE J1772 (Type 1)
- Supports OCPP 1.6 JSON (Upgradeable to 2.0)
- Supports RS232/485 external communication interface (Optional)
- Supports ISO 15118 protocol
- Supports dynamic output load distribution, making the field power configuration planning of charging stations more flexible

Applications

- Parking garages, hospitality & retail
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops







Model Name		AXLU111	
Safety		UL/Cul (North America)	
F	Product Photo		
Power Spe	cification		
	Input Rating	Single-phase: 200~240Vac	
	AC Input Connection	L1/L2/GND or L/N/PE	
AC Input	Input Current	48A	
	Frequency	50Hz/60Hz	
A O O t !	Output Current	48A	
AC Output	Output Power	11kW	
User Interf	ace & Control		
Display		LED pilot lamp (standard), 5-inch LCD (Optional)	
User Authe	ntication	RFID (ISO/IEC 14443A/B, ISO/IEC 15693, FeliCa™, Mifare), ISO 15118	
Meter		Meter IC(1% Accuracy)	
Communic	ation		
External		LAN+WiFi (standard) or LAN+4G+WiFi (Optional)	
Internal		OCPP 1.6 JSON (Upgradeable to 2.0) EEBUS (support in 2022)	
Environme	ntal		
Operating T	- Temperature	-30C to +50 $^{\circ}\mathrm{C}$ (standard) or -20 $^{\circ}\mathrm{C}$ to +50 $^{\circ}\mathrm{C}$ (with payment system)	
Humidity		< 85% (RH) @ 50 ℃	
Altitude		≦ 2000m	
Enclosure F	Protection (IK/IP Level)	NEMA TYPE 4	
Cooling Me	thod	Natural Cooling	
Mechanica	<u> </u>		
Dimension((WxDxH)	Approx. 295 x 158 x 505mm	
Weight		<7kg (with socket); <10kg (with plug)	
Cable Leng		5m / 7.5m (Option and need to use cable management)	
Protection			
RCD/CCID		CCID 20	
Input Side		UVP, OVP, Surge protection, Ground fault	
Output Side		OCP, Control pilot fault, Residual current protection	
Protocol		OTP, Relay welding detection, CCID self-test, MCU function fault detection	
Regulation			
Certificate		UL2594, UL2231-1/-2, CTEP Energy Star	
Wireless Certificate		FCC/IC	
Charging Interface		SAEJ1772 Type 1 Plug	

AL SERIES













32A EV Wall Mount

AC Charger



FEATURES



Residential and commercial EV charging



Wired/wireless connection for Central Management System



Support for smart phone app and QR code for user authentication and management



Input: 200Vac~240Vac



Modern, ergonomic and custom design



IP55 rated for indoor/outdoor applications



Firmware updates through remote connection



Charging interface: SAE J1772 (Type 1) or IEC 62196 (Type 2)



OCPP 1.6 JSON

MODEL LIST

	Type 1 Non- Networking	Type 2 Networking	Type 3 Wi-Fi	Type 4 4G
RFID	-	0	0	0
LAN	-	0	0	0
Wi-Fi	-	-	0	-
4G	-	-	-	0
OCPP	-	0	0	0





For information on the optional charging pedestal, please refer to the accessory section on page 77.

INDUSTRY



Residential



Commercial Building



Shopping Center/ Hospitality



Outdoor Parking



SPECIFICATION

Model Name	AWSE770	AWLU770	AW8U770 AW9U770	AWSC770	AWSJ600001
Safety	CE/CB (Europe)	UL/Cul (North America)		CNS (Taiwan)	JARI (Japan)
Outline		260			

Power Specification

	Input Rating	200~240Vac/Single phase				
AC Input	AC Input Connection	L/N/PE	L1/L2/GND	NEMA 14-50 NEMA 6-50	L, N, PE	L1, L2, PE
AC IIIput	Input Current	32A				30A
	Frequency	50Hz/60Hz				
AC Output	Output Current	32A				30A

User Interface & Control

Communication

External	LAN (optional) + 4G (optional) or Wi-Fi (optional)
Internal	OCPP 1.6 JSON

Environmental

Operating Temperature	-30°C~50°C			
Humidity	Max. 95% RH			
Altitude	≤2000m			
IP Level	IP55	NEMA TYPE 3R	IP55	IP55
Cooling Method	Natural Cooling			

Property of Alpha Omega Computing LLC





Dimension(WxDxH)	260 x 100 x 280mm
Weight	≤ 5.5Kg (With Plug)
Cable Length	5m

Protection

RCD/CCID	RCD Type B	CCID 20	RCD Type A	RCD Type A	RCD Type A	
Input Side	UVP, OVP, Surge protection, Ground fault					
Output Side	OCP, Control pilot fault, Residual current protection					
Internal	OTP, Relay welding detection, CCID self-test, MCU function fault detection					

Regulation

Certificate	IEC 61851-1, IEC 61851-21-2	UL2594, UL2231-1/-2 CSA C22.2 NO.280-16	CNS15511-1 (2021 version) CNS15511-21-2 (2021 version) CNS15700-1 (2017 version) CNS15700-2 (2021 version)	GB/T 18487.1/.2, GB/T 20234.1/.2, GB/T 33594, GB/T 34657.1	JARI A 0001:2014 JARI A 0101:2014 JARI A 0201:2014 JARI A 0301:2014 JARI A 0401:2014
Wireless Certificate	RED	FCC/IC	NCC	-	MIC
Charging Interface	IEC 62196-2 Type 2 Plug	SAEJ1772 Type 1 Plug	CNS:15700-1 TYPE 1 Plug	T 20234.2	PSE Type 1 Plug

