

# ABM AC7L

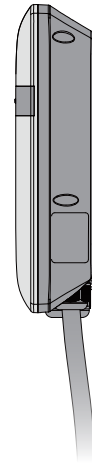
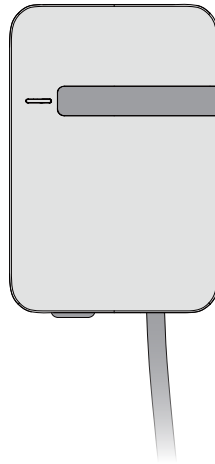
## Smart EV Charging



**Height**  
11.1 in / 283 mm

**Width**  
7.6 in / 192 mm

**Depth**  
3.1 in / 79 mm



## SPECIFICATIONS

Cloud service	ABMEV OS
Maximum output power	7 kW @ 240V; 6.6kW @ 208V
Output power	32 A @208~240 Vac, 1-phase
Vehicle connector	SAE J1772
Charging cable length	25 feet / 7.6 m
Input power	1-phase, 3-wire, 208~240 Vac, 32 A maximum
Circuit Breaker	40A 2-pole (recommended)
Grounding system	TN, TT
Efficiency	>99%
Power factor	>0.99
Display	LED indicator, OLED, 20 characters, 2 lines
Communication protocol	OCPP 1.6 JSON
Network connectivity	Wi-Fi
NEMA enclosures(NEMA)	NEMA 4
Impact protection	IK10
Electrical protection	Over voltage protection, under voltage protection, surge protection, ground fault protection, residual current device, short circuit protection, over current protection, over temperature protection
Operating temperature	-22 °F to +122 °F / -30 °C to +50 °C
Dimensions	7.6 (W) x 11.1 (H) x 3.1 (D) in 192 (W) x 283 (H) x 79 (D) mm
Weight	11 lbs / 5 kg
Certifications	UL, FCC, Energy Star

# ABM AC7LC

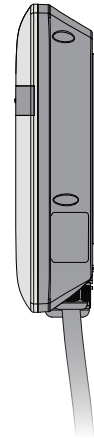
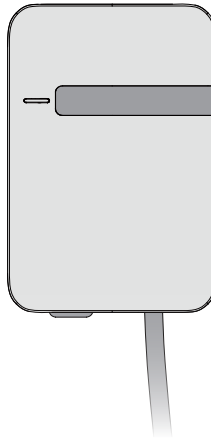
## Smart EV Charging



**Height**  
11.1 in / 283 mm

**Width**  
7.6 in / 192 mm

**Depth**  
3.1 in / 79 mm



## SPECIFICATIONS

Cloud service	ABMEV OS
Maximum output power	7 kW @ 240V; 6.6kW @ 208V
Output power	32 A @208~240 Vac, 1-phase
Vehicle connector	SAE J1772
Charging cable length	25 feet / 7.6 m
Input power	1-phase, 3-wire, 208~240 Vac, 32 A maximum
Grounding system	TN, TT
Efficiency	>99%
Power factor	>0.99
Display	LED indicator, OLED, 20 characters, 2 lines
Communication protocol	OCPP 1.6 JSON
Network connectivity	Wi-Fi
NEMA enclosures(NEMA)	NEMA 4
Impact protection	IK10
Electrical protection	Over voltage protection, under voltage protection, surge protection, ground fault protection, residual current device, short circuit protection, over current protection, over temperature protection
Operating temperature	-22 °F to +122 °F / -30 °C to +50 °C
Dimensions	7.6 (W) x 11.1 (H) x 3.1 (D) in 192 (W) x 283 (H) x 79 (D) mm
Weight	11 lbs / 5 kg
Certifications	UL, FCC, Energy Star

# ABM AC19L

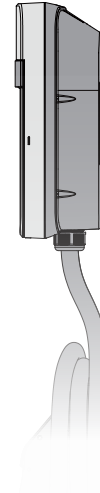
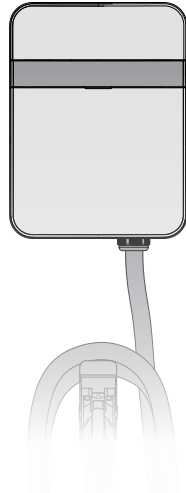
## Smart EV Charging



**Height**  
14.1 in / 360 mm

**Width**  
10.6 in / 270 mm

**Depth**  
5.5 in / 140 mm



## SPECIFICATIONS

Cloud service	ABMEV OS
Maximum output power	19.2kW @ 240V; 16.6kW @ 208V
Output power	80 A @200~240 Vac, 1-phase
Vehicle connector	SAE J1772
Charging cable length	25 feet / 7.6 m
Circuit Breaker	100A 2-pole (recommended)
Input power	1-phase, 3-wire, 208~240 Vac, 80 A maximum
Grounding system	TN, TT
Efficiency	>99%
Power factor	>0.99
Display	LED indicator, OLED, 20 characters, 2 lines
Communication protocol	OCPP 1.6 JSON
Network connectivity	Ethernet, Wi-Fi
NEMA enclosures(NEMA)	NEMA 3R
Impact protection	IK10
Electrical protection	Over voltage protection, under voltage protection, surge protection, ground fault protection, residual current device, short circuit protection, over current protection, over temperature protection
Operating temperature	-31 °F to +131 °F / -35 °C to +55 °C
Dimensions	10.6 (W) x 14.1 (H) x 5.5 (D) in 270 (W) x 360 (H) x 140 (D) mm
Weight	27.4 lbs / 12.4 kg
Certifications	UL, FCC, Energy Star

# ABM AC19L EXCEED

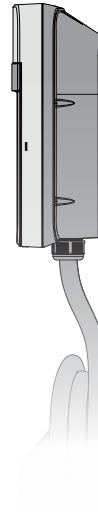
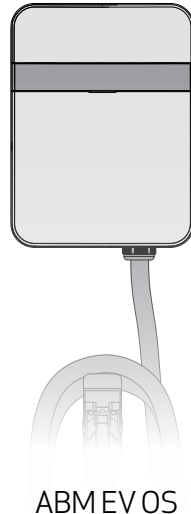
## Smart EV Charging



**Height**  
14.1 in / 360 mm

**Width**  
10.6 in / 270 mm

**Depth**  
5.5 in / 140 mm



## SPECIFICATIONS

Cloud service	ABM EV OS
Maximum output power	19.2kW @ 240V; 16.6kW @ 208V
Output power	80 A @200~240 Vac, 1-phase
Vehicle connector	SAE J1772
Charging cable length	25 feet / 7.6 m
Input power	1-phase, 3-wire, 208~240 Vac, 80 A maximum
Circuit Breaker	100A 2-pole (recommended)
Grounding system	TN, TT
Efficiency	>99%
Power factor	>0.99
Display	LED indicator, OLED, 20 characters, 2 lines
Communication protocol	OCPP 1.6 JSON
Network connectivity	Ethernet, Wi-Fi, 4G (Cat. M1)
RFID	RFID ISO/IEC 14443 A/B
NEMA enclosures(NEMA)	NEMA 3R
Impact protection	IK10
Electrical protection	Over voltage protection, under voltage protection, surge protection, ground fault protection, residual current device, short circuit protection, over current protection, over temperature protection
Operating temperature	-31 °F to +131 °F / -35 °C to +55 °C
Dimensions	10.6 (W) x 14.1 (H) x 5.5 (D) in 270 (W) x 360 (H) x 140 (D) mm
Weight	27.4 lbs / 12.4 kg
Certifications	UL, FCC, Energy Star



# ABM AC30P

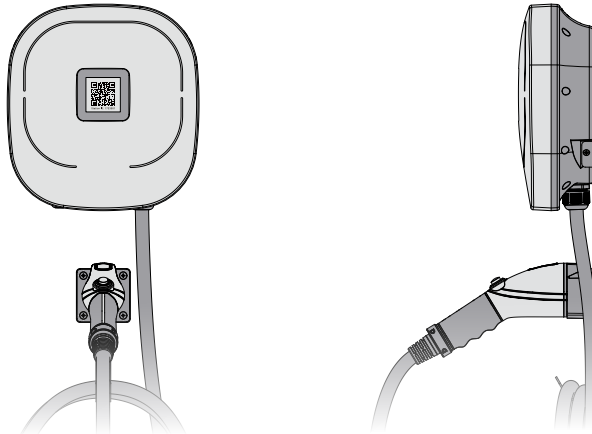
## Smart EV Charging



**Height**  
11 in / 280 mm

**Width**  
10.2 in / 260 mm

**Depth**  
3.9 in / 100 mm



## SPECIFICATIONS

Cloud service	ABM EV OS
Maximum output power	7.2kW @ 240V; 6.6kW @ 208V
Output power	32 A @200~240 Vac, 1-phase
Vehicle connector	SAE J1772
Charging cable length	16.4 feet / 5 m
Circuit Breaker	40A 2-pole (recommended)
Input power	1-phase, 3-wire, 200~240 Vac, 32 A maximum
Grounding system	TN, TT, IT
Efficiency	>99%
Power factor	>0.99
Display	LED indicator
Communication protocol	OCPP 1.6 JSON
Network connectivity	Ethernet, Wi-Fi
RFID	RFID ISO/IEC 14443 A/B
NEMA enclosures(NEMA)	NEMA 3R
Impact protection	IK08
Electrical protection	Over voltage protection, under voltage protection, surge protection, ground fault protection, residual current device, short circuit protection, over current protection, over temperature protection
Operating temperature	-22 °F to +122 °F / -30 °C to +50 °C
Dimensions	10.2 (W) x 11 (H) x 3.9 (D) in 260 (W) x 280 (H) x 100 (D) mm
Weight	8.8 lbs / 4 kg
Certifications	UL, cUL, FCC