



Heliox 60 kW

Smart. Efficient. Reliable.



Convenient charging; anytime and anywhere

Heliox's most adaptable and compact solution. The Heliox 60 kW charger is a versatile, user-friendly solution suitable for a wide range of vehicles, including cars, buses, and trucks. It offers seamless plug-and-play functionality, making it an ideal choice for various charging needs, regardless of location or time.

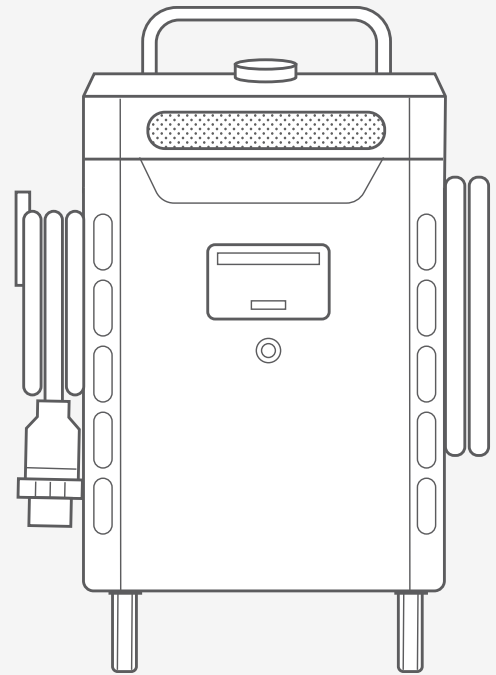
- ✓ **Adaptive design:** It can adapt and expand as needed, offering options for hardwired or portable setups, networked or standalone operation, and the ability to deploy a single charger or multiple units, providing you with full control over your charging solution.
- ✓ **Dynamic Power:** Dual-connector variants dynamically share power so that either dispenser can get full power, or both dispensers can share power simultaneously. Additionally, a manual selector switch for the single dispenser version, allows input current control; 30A (25kW), 60A (50kW), and maximum.
- ✓ **Reliable by design:** The H60 family is US-designed and manufactured for reliability. A next-gen low-power charger, it features system-wide upgrades for higher durability, lower maintenance, and improved thermal performance.

⚡ **Power Options**
30 kW or 60 kW

⚡ **Number of dispensers in the system**
1 or 2

Versatile in charging power options

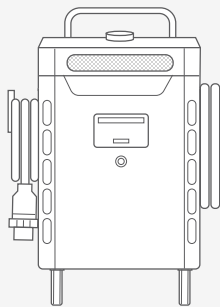
- ✓ The Heliox 60 kW stands up to daily wear and tear in ways other portable chargers simply cannot.
- ✓ With a NEMA 3R-rated enclosure, the charger can be safely operated indoors and outdoors.
- ✓ Adjust your charger AC input situations on single dispenser version, where power supply may be limited.
- ✓ The Heliox 60 kW is the perfect EV charging companion, now and in the future.
- ✓ Options for hardwired or portable setups, networked or standalone operation.
- ✓ Dynamic dual 2x30 variant offers greater flexibility value per charger.



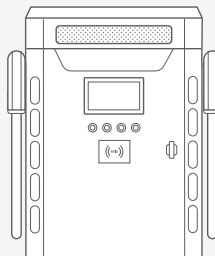
Versatile in mounting

Designed with scalability and convenience in mind, the Heliox 60's form factor allows for low-profile installations, complemented by a range of accessories including both wall-mount and floor-mounted pedestal options, or a mobile cart configuration.

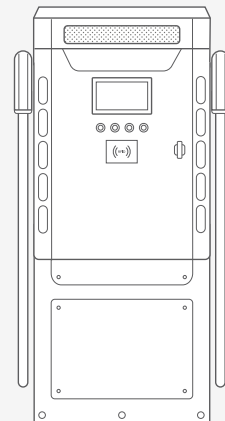
On wheels



Wall mounted



Pedestal

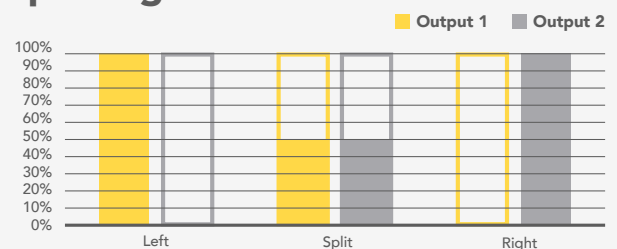


Versatile in charging settings

Adjust your charger AC input on single dispenser version with the turn of a dial, enabling you to activate sessions in situations where your power supply may be limited.



Output splitting



General	Heliox 60 kW
Charging standard	SAE J1772 (CCS type-1)
Communication standard	DIN 70121 ISO15118/2/20 ed1 (Unidirectional charging)
Compliance and safety	UL2202, UL2231, CSA C22.2 No. 346, Energy Star (Single port version only)
EMC	FCC 15 Class A
Power factor above 50% rated	> 0.98
Peak efficiency	>96%
THDi	≤ 5%
Dielectric withstand	3,000 V
Network cellular	4G modem or Ethernet
Back office Single port Dual port	OCCP 1.6J / OCPP 2.0 ready OCCP 1.6J / OCPP 2.0.1, 2.1 ready
RFID tags supported ³	MIFARE Ultralight®, NTAG203, MIFARE Mini, MIFARE Classic® 1K, MIFARE Classic® 4K, FM11RF08
Temperature range	-22 °F to +113 °F, +122 °F with derating
Operating altitude	2000 m
Operational noise level (at 77F)	< 60 dB(A) @ 45"
System weight	223 - 261 lbs ²
Protection rating	NEMA 3R
Display	7" LCD
Charging status indicator	LED light stack, LCD display
Cable length	5 m and 7 m ¹
Warranty	24 months

Dimensions

	Wall Mounted	Compact Pedestal	Mobile
Single 60 kW (H x W x D)	35" x 26" x 17"	54" x 26" x 14"	41" x 30" x 19"
Dynamic Dual (H x W x D)	35" x 28" x 17"	54" x 28" x 14"	N/A

Input

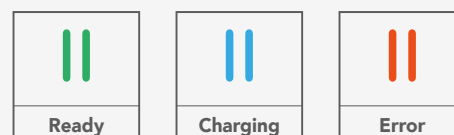
Connections, frequency	3P + G 480 VAC, 47 - 63 Hz
User-selected limits (single port only)	30A input ~ 25 kW output 60A input ~ 50 kW output Max (78A input ~ 60 kW output)
Full load / idle power	63.2 kVA
Line-line voltage range	480 VAC +6/-13%, 60 Hz
Nominal AC input current	90A, inrush current limited

Output

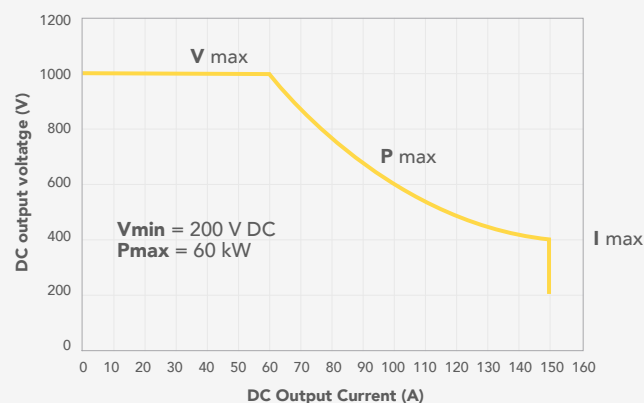
DC voltage range	200 - 1,000 V
Rated DC power	60 kW
Max. DC current	150A

Status indicators

Provides real-time information about the state of charge. Blue charging lights display approximate SOC.

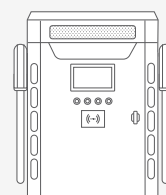
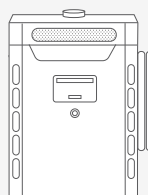
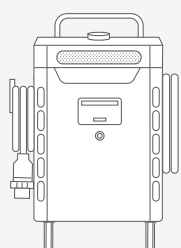


Power curves



Heliox 60 kW

Ordering Guide



	Heliox 60 kW Single Port Mobile	Heliox 60 kW Single Port Wall or Pedestal Mounted	Heliox 60 kW Dynamic Dual Port Wall or Pedestal Mounted
UL Buy America-Compliant 5 m	HE9823005-01-BMA	HE9823005-01-BAA	HE9825001-01-BAA
UL Buy America-Compliant 7 m	HE9823005-01-BAC	HE9823005-01-BDA	HE9823005-01-BDA
Accessory Wall Mount	N/A	HN200822	HN200822
Accessory Pedestal Mount	N/A	HN810241	HN810241

Preventative maintenance is available. For details, please contact your local Siemens or Heliox Business Development Manager/Distributor.