



Charge smarter. Drive farther.

AeroVironment is the exclusive distributor of Nissan's DC fast charge station.

The Nissan DC Quick Charger allows you to charge your electric vehicle from 0% to 80% in about 30 minutes*, ideal for public or commercial/fleet applications.



STANDARD FEATURES

- › Standard CHAdeMO connector
- › Input power: 480V, 3 phase, 50/60Hz
- › Rated output power: 44kW
- › Dimensions: 72"H x 15"W x 28"D (approximate)
- › UL Listed
- › One year limited warranty
- › LCD user interface screen
- › Exposed, outdoor weather rated enclosure (NEMA 3R)

INSTALLATION AND MAINTENANCE OPTIONS

- › Site technical feasibility report
- › Full turn-key installation service available through AV
- › Construction management services
- › Final commissioning services
- › Maintenance services

MODEL OPTIONS

- › Cold Weather Package option (-22°F to 104°F)
- › Cellular Network Capabilities (optional)
 - Access control
 - RFID fobs
 - Remote authorization
 - User and charge session length data

Request a quote: www.nissanqc.com

*Based on 24kWh Nissan LEAF battery

AeroVironment™ EV Solutions™

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Public/Commercial DC Fast Charge Stations
Specifications

Technical Specifications		Model NSQC442E
Input		
Fixed Input Voltage	480 VAC +/- 15% 3 phases	
Input Power	50 kVA	
Power Factor	> 95%	
Input Frequency	50/60 Hz +/- 5%	
Total Harmonic Distortion (THD)	less than 5% rated output	
Efficiency	> 90%	
Input Current	60 A @ 480 VAC	
Output		
Output Voltage Range	50 - 500 V DC	
Output Current Range	0 to 120 A DC	
Maximum Output Power	44 kW	
Cable/Connector	CHAdeMO compliant, conforms to JEVS G 105-1993	
Cable Length	13.1 feet	
Cable Management	Cord grip handle and stowage hook	
Dimensions (housing only)		
Depth	27.6"	
Width	15.0"	
Height	72.4"	
Weight (Unit only / as shipped)		
Charge Station / Charge Station with Crate	590 lbs / ~790 lbs with crate	
Mechanical		
Cooling	Forced air	
De-energization on Cable Breakaway	Yes	
Environmental Conditions		
Installation Placement	Outdoor	
Enclosure Rating	Rain Proof (UL2202) / NEMA 3R	
Operating Temperature Range (standard)	+14°F to +104°F	
Operating Temperature Range - with cold weather package (optional)	-22°F to +104°F	
Operating Humidity	30% to 90% RH	
Elevation	Installed at < 3,280 ft	
Atmosphere	Free of corrosive or flammable gas	
RoHS	All elements are RoHS compliant	
Operational Noise Level	< 65 dBA (39.4" away, 39.4" in height)	
Standards and Certifications		
Safety for Electric Vehicle (EV) Charging System Equipment	UL 2202	
Personnel Protection Systems for EV Charging Circuits	UL 2231-1 and UL-2231-2	
Plugs, Receptacles and Couplers for Electric Vehicles (EV)	UL 2251 CHAdeMO certification Rev. 0.9 Americans with Disabilities Act (ADA) FCC Compliant NFPA 70 National Electrical Code N(NEC), Article 625 EV Charging System	

Specifications subject to change without notice.

