



Get Powered Up Fast.

Orange Juicer™

Battery-Integrated DC Fast Charger from Orange EV



Don't let construction delays and peak-usage fees slow your operation down. Orange EV, the U.S. leader in electric terminal trucks, leveraged proprietary IP to build a modular charging solution engineered to help remove the final barriers to fleet electrification. The Orange Juicer is a garden hose in, a firehose out, pairing onboard battery storage with DC fast charging to deliver up to 200kW using your site's existing power. Deploy in days or weeks, not months or years.

QUICK DEPLOYMENT

Become operational in weeks, not years. Use existing site power without time-consuming construction projects.

LOW COST

Simplify installation with no grid upgrades. Lower operating costs by reducing demand charges and avoiding peak energy prices.

FLEXIBLE & SCALABLE

Grow charging infrastructure incrementally with your fleet. Easily relocate thanks to modular design and compact footprint.

REMOTE MANAGEMENT AND CONTROL

Orange Juicer's AMP software enables remote monitoring, diagnostics, and over-the-air updates to keep chargers running at peak performance with minimal downtime.

GRID RESILIENCY

Keep fleet operations moving by drawing from the onboard battery when the grid is constrained.



Proudly designed and manufactured in the USA for BABA compliance

Orange Juicer™

Turnkey, Fully-Integrated, DC Fast Charging



PAYMENT TERMINALS AND
SCREENS ARE BOTH OPTIONAL

Charging EVs

# of Charge Connectors	2
DC Output Power	200 kW
DC Output Amperage	360A per port (peak)
DC Output Voltage	200-950Vdc
Charge Connectors	CCS1, NACS
Cable Length	24' (Standard), 12' (Optional)
Simultaneous Charging	Yes-split power between 2 ports in 1 kW increments

Recharging / Input Power (AC)

Voltage	Max Current	Power
240V single phase	40-119A	5-30 kW
208Y 3Ø	28-153A	5-55 kW
480Y 3Ø	12-80A	5-66 kW
Configurable Input Power	Operates on the range of input power specified above by installing with appropriately sized circuit breaker	
Frequency	60 Hz	

Energy Storage

Battery Chemistry	Lithium Iron Phosphate (LFP)
Total Capacity	180 kWh
Usable Capacity	162 kWh

Mechanical

Dimensions	41" x 44.5" x 99" (104 cm x 113 cm x 251 cm)
Weight	4,500 lbs / 2,100 kg (estimated)

Environmental

Geographic Availability	North America (U.S. & Canada)
Installation Locations	Outdoor
Enclosure Protection Rating	Type 3R
Operating Temperature Range	-40°C to + 50°C*
	Charging power derating may apply above +40°C

Communication & User Interface

User Interface Screen	Optional (10.1" LCD touchscreen)
Payment Terminal	Optional (Payter Apollo)
Communication	OCPP 1.6J
Network Connection	4G, Wired Ethernet
Charge Connector Status	Standard
Indicator Lights	
Universal Charge Connector	Standard
Holster with Detection Sensor	
Area Ambient Light	Standard
Emergency Stop	Option to connect to external or site emergency stop

Targeted Compliance Standards

U.S.	UL 9540, 9540A, 1973, 991, 2202, 2231-1, 2231-2; 50E, FCC Part 15 Class A, Energy Star, CTEP/NTEP, UN 38.3
Canada	ANSI/CAN/UL 9540, 9540A, 1973, CSA C22.2 No. 346, 281.1, 281.2, 0.8, 94.2, ICES-003 Class A, UN 38.3

Energy Management

AC Energy Meter	Standard (revenue grade)
DC Energy Metering	Standard (revenue grade)
Configurable Input Power	Input power may be permanently configured down to 5 kW via hardware mechanism (dipswitch)
Recharging Optimization	Input power for recharging can be scheduled during off-peak times via Orange Juicer's Asset Manage- ment Platform (AMP)

Charger Management Software

Orange Juicer Asset Management (AMP)	Provides access to charger Platform performance and utilization data, remote monitoring and diagnostics, charger configuration management, and more
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