

Category	Specification	Detail	Region/Model
General	Product Name	Tesla Wall Connector Gen 3	Global
	Release Date	2021 (Gen 3), 2023 (Universal)	Global
	Compatible Vehicles	All Tesla models, J1772 EVs (Universal model)	North America/Global
Performance	Nominal Voltage	200–240V AC (NA), 230V/400V 3-phase (EU)	NA/EU
	Max Current Output	48A (NA), 32A (EU), 48A (Universal)	NA/EU/Universal
	Max Power Output	11.5 kW (NA), 22 kW (EU), 11.5 kW (Universal)	NA/EU/Universal
	Charging Speed (Model 3/Y)	44 mph (48A), 37 mph (40A), 30 mph (32A)	NA
Electrical	Circuit Breaker Compatibility	15A–60A (NA), 6A–32A (EU)	NA/EU
	Wiring Requirements	6 AWG copper (NA), 1.5–10 mm² (EU)	NA/EU
	Grounding Scheme	TN/TT (NA), TN/TT/IT (EU)	NA/EU
	Residual Current Detection	CCID20 (NA), Type A + DC 6 mA (EU)	NA/EU
Physical	Dimensions (H × W × D)	13.6" × 6.1" × 4.3" (NA), 380 × 160 × 140 mm (EU)	NA/EU
	Weight	15 lbs (6.8 kg)	NA/EU
	Cable Length	24 ft (7.3 m) standard, 13.1 ft (4 m) optional	NA/EU/Universal
Environmental	Operating Temperature	-22°F to 122°F (-30°C to 50°C)	Global
	Enclosure Rating	Type 3R (NA), IP55 (EU)	NA/EU
Compliance	Certifications	cULus (NA), CE/IEC 61851-1 (EU), Energy Star (Universal)	NA/EU/Universal
Compatibility	Connector Types	NACS (Tesla), J1772 (Universal)	NA/Global
	Load Sharing	Up to 6 units on a single circuit	Global
Smart Features	Wi-Fi Connectivity	2.4 GHz, 802.11b/g/n	Global
	Tesla App Integration	Remote monitoring, scheduling, firmware updates	Global

Warranty	Coverage Period	4 years (residential), 1 year (commercial)	Global
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Charge Speed Table
(by Circuit Breaker)

Circuit Breaker (A)	Max Output (A)	Model 3/Y (mph)	Model S (mph)
60	48	44	41
50	40	37	34
40	32	30	27
	Regional Variations		
	North America: 48A max, NACS connector, Type 3R enclosure		
	Europe: 32A/22 kW (3-phase), Type 2 connector, IP55 rating.		
	Universal Model: J1772 + NACS, 48A output, Energy Star certified ⁸ .		
	Installation Requirements		
	Wire Gauge: 6 AWG (NA), 10 mm ² (EU) for max output.		
	Conduit Size: ¾" (NA), 32 mm (EU).		
	Mounting Height: 45–48" above ground ³⁷ .		