



NT FAST CHARGER

60~240KW

PCE's NT Series are high-performance DC Fast Chargers designed for rapid EV charging. They convert AC power to DC within the unit, delivering energy directly to the battery, enabling faster, more efficient charging. Ideal for locations where EVs need to gain maximum range in minimal time.

FEATURES

- NT Series DC fast chargers with power output from 60kW to 240kW
- True simultaneously charging with the capability to charge two to three vehicles at the same time
- Future-proof design with 1000 V max output
- Liquid-cooled ultra-fast 240kW EV charging stations available
- Driver friendly with a 10.1" LCD touchscreen display and simple to user interface
- Start modes include plug-n-play, RFID, OCPP, QR code and optional POS
- Ethernet, 3G, 4G and Wi-Fi connections available
- CHAdeMO, GB/T, and CCS (type 1 or 2) connectors and charging cables
- Designed for easy installation and maintenance

SPECIFICATIONS

MODEL	NT-60A	NT-90A	NT-120A	NT-150A	NT-180A	NT-240A
ELECTRICAL PROPERTIES						
AC Input						
Input Rating			AC400V (±10%) 3ph			
AC Input Connection			3P+N+PE			
Rate Input Current	3Φ92A	3Φ137A	3Φ183A	3Φ228A	3Φ274A	3Φ365A
Frequency			50/60Hz			
Power Factor			≥0.99			
Efficiency			≥95%			
Output Voltage Range			200V-1000V			
Max.Output Current	200A	300A	400A	500A	600A	800A
Max.Output Power	60KW	90KW	120KW	150KW	180KW	240KW
DC Output						
Voltage Accuracy			≤±0.5%			
Current Accuracy			≤±1%			
USER INTERFACE & CONTROL						
Display		10.1" touch screen with Advertisement play function				
Screen Material		LCD				
Push Buttons		Operation buttons / Emergency buttons				
User Authentication		RFID, OCPP, QR code, Password, Application				
Support Language		English (other languages available upon request)				
COMMUNICATION						
External			Ethernet, WIFI, 4G			
Internal			CAN, RS485, RS232			
ENVIRONMENTAL						
Operating Temperature			-30 °C ~ +50 °C			
Humidity			<95% relative humidity, non-condensing			
Altitude			≤2000m (6000 feet)			
MECHANICAL						
Ingress Protection			IP55			
Enclosure Protection			IK10			
Cooling			Air cooling			
Installation Method			Floor mounted			
Product Size (L*D*H)	670*480*1600m	800*603*1854m	800*603*1854m	800*603*1854m	800*603*1854m	800*603*1854m
PROTECTION						
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault					
REGULATION						
Certificate	CE, CB by TUV, OCA, UL					
Standard	EN IEC-61851-1:2019; EN61851-23:2014; EN 61851-24:2014; EN IEC 61851-21:2:2021					

