

# EV Portable PRO

Adjustable Mobile EV Charging Box  
Type 2 to 16A CEE Plug Single Phase



## PRODUCT FEATURES

- ✓ Compatible with all Type 2/CCS2 EVs and PHEVs
- ✓ 5 charging speeds with up to 3.6kW of power
- ✓ Faster 16A charging: 20% quicker than 3 pin plugs
- ✓ Built-in Type B RCD (Type A + 6mA DC)
- ✓ High visibility LCD screen with real time data
- ✓ Delayed start function up to 12 hours
- ✓ Super durable and flexible TPU cable
- ✓ Waterproof and dustproof to IP67
- ✓ Withstands 10,000 mating cycles
- ✓ CE and TUV certified
- ✓ 2 year warranty
- ✓ Free carry case

## INTEGRATED TYPE B RCD

### The freedom to charge up anywhere

Built-in residual current protection detects both AC and DC leakage, and shuts down at the specified value. Guards against dangerous electrical faults whether you're at home or away.



## Product Information

Product code	TNT200116ABB5M	TNT200116ABB10M
Product length	5 metres	10 metres
Product weight	2 kg	3 kg

## Technical specifications

Vehicle-end plug	Type 2 (IEC 62196-2)	
Power plug	16A CEE commando plug	
Max current	16A (Single phase)	
Configurable current	6/8/10/13/16A	
Rated residual current	I $\Delta$ n 30mA, DC 6mA	
Max power	3.6kW	
Voltage	230V AC	
Frequency	50 Hz	
EV charging mode	2 (AC charging using a standard socket outlet)	
Cable specification	3G2.5mm <sup>2</sup> + 1*0.5mm <sup>2</sup>	
Cable diameter	11.7 +/- 0.5mm	
Material	Casing	Reinforced thermoplastic
	Contact pins	Silver plated copper alloy
	Cable	TPU
	Protective covers	Silicone rubber
Fire rating	Control box	UL 94 V-0
	Vehicle-end plug	UL 94 V-0
	Cable	IEC 60332-1, CSA FT2
Mechanical life	10,000 mating cycles	
Display	LCD screen and LED light bar	
Scheduled charging	Yes (1-12 hours)	
Control box dimensions	200(H) x 93(W) x 52.3(D) mm	

## Safety & protections

Warranty	2 years	
Certified	CE, UKCA, TUV	
Leakage current protection	AC	30mA
	DC	6mA
Over current protection	Yes	
Over voltage protection	Yes	
Under voltage protection	Yes	
Over temperature protection	Yes 86°C	
Short circuit protection	Yes	
Lightning surge protection	Yes	
Ground protection	Yes	
Self-diagnosis of faults	Yes	
Reference Standards	BS EN IEC 62752:2016+A1:2020	
	BS EN IEC 61851-21-2:2021	
	BS EN IEC 62196-2:2022	
	BS EN IEC 61000-6-1:2019	
	BS EN IEC 61000-6-3:2007+A1:2011	
	BS EN 50620:2017+A1:2019	

## Environmental performance

Operating temperature	-25°C ~ +50°C	
Storage temperature	-40°C ~ +85°C	
Working humidity	5% RH ~ 90% RH	
Ingress protection (IP) rating	Control box	IP67
	Vehicle-end charging plug	IP55 (connected)
		IP54 (unconnected)
EV rolling test	1.5 Tonne car, no damage	

