

WunderCurrent

Product Technical Data Sheet

W2Ultra • W3Ultra • W2Frunk • W3Frunk • PowerTank3.5kW

Portable EV Charging Solutions

Safe and convenient EV charging at home, while travelling and at locations with suitable electrical infrastructure

Customer-ready technical reference

All product information, specifications, compatibility details, safety information and warranty terms are retained from the supplied technical data sheet.

1. Product Overview

Specification	Details
Brand	WunderCurrent
Product Category	Portable EV Charging Solutions
Current EV Charger Range	W2 Ultra, W3 Ultra, W2 Frunk, W3 Frunk, Power Tank 3.5 kW
Primary Use	Safe and convenient EV charging at home, while travelling and at locations with suitable electrical infrastructure
Ultra & Frunk Key Feature	External earthing mechanism for locations without existing earthing
Charging Compatibility	Based on EV charging requirements and compatible electrical infrastructure

2. WunderCurrent EV Charger Models – Quick Comparison

Feature	W2 Ultra	W3 Ultra	W2 Frunk	W3 Frunk	Power Tank 3.5 kW
Product Type	Extension Reel	Extension Reel	Compact Extension Reel	Compact Extension Reel	Portable EV Charger
Cable Length	20 m	20 m	15 m	15 m	5 m
Cable Thickness	2.5 sq mm	4 sq mm	2.5 sq mm	4 sq mm	CCS Type 2 cable compatible with all EV's
Cable Core	3-Core Copper	3-Core Copper	3-Core Copper	3-Core Copper	—
Charging Support	Up to 3.5 kW	Up to 3.5 kW	Upto 3.5 kW	Upto 3.5 kW	Upto 3.5 kW
Input Requirement	Single-phase 16A socket	Single-phase 16A socket	Single-phase 16A socket	Single-phase 16A socket	Single-phase 16A socket
Protection	RCBO	RCBO	MCB	MCB	Multi-protection
Digital Energy Meter	6-in-1	6-in-1	No	No	Digital Display

Quick Comparison — continued

Feature	W2 Ultra	W3 Ultra	W2 Frunk	W3 Frunk	Power Tank 3.5 kW
External Earthing	Yes	Yes	Yes	Yes	Requires proper existing earthing
Reel Mechanism	Manual	Manual	Manual	Manual	—
Design	Heavy-duty	Heavy-duty	Frunk-fit / Compact	Frunk-fit / Compact	Compact Portable Heavy Duty
Best Suited For	Long cable reach & extended charging	Higher-capacity cable requirements	Everyday charging & travel	Everyday charging & travel	Plug-and-play CCS Type 2 charging

3. W2 Ultra – Technical Specifications

Specification	Details
Product Model	W2 Ultra
Cable Length	20 metres
Custom Cable Length	Available in additional 5-metre increments
Cable Size	2.5 sq mm
Cable Type	3-Core Polycab Brand Cable
Core Material	3-Core Copper
Cable Colour	Black
Overall Diameter	9.6 mm
Maximum Current Rating (AC)	24 Amps
Recommended Continuous Current Capacity	16 Amps
Resistance (Max.) per km at 20°C	7.98 Ω
Insulation Thickness	0.7 mm
Nominal Sheath Thickness	1.0 mm
Socket Compatibility	Single-phase Indian Standard 16 Amp Socket
Plug Top	16 Amp Type M, Norisys Brand
Output Socket	16 Amp Northwest, Wipro Brand
Protection	32 Amp RCBO, 100mA
RCBO Standard	IEC 61009-1
Charging Support	Up to 3.5 kW
Reel Mechanism	Manual
Indoor / Outdoor Use	Yes
Operating Temperature	-55°C to 50°C
Dimensions	13 (L) x 9 (B) x 16 (H) inches
Weight	6.5 kg
Warranty – Website / WhatsApp	2 Years
Warranty – Amazon / Flipkart	1 Year

Compatible EV Models

Brand	Compatible Models
Tata	Tiago EV, Tigor EV, Punch EV (Old Model)
MG	Comet
Citroën	ë-C3 EV

4. W3 Ultra – Technical Specifications

Specification	Details
Product Model	W3 Ultra
Cable Length	20 metres
Cable Size	4 sq mm
Cable Type	3-Core Polycab Brand Cable
Core Material	3-Core Copper
Cable Colour	Black
Overall Diameter	16.1 mm
Maximum Current Rating (AC)	44 Amps
Recommended Continuous Current Capacity	30 Amps
AC Resistance	5.9 Ω
Maximum DC Resistance	4.16 Ω
Approx. Reactance at 50 Hz	0.0927 Ωm
Capacitance	0.22 mFd/km
PVC Insulation Thickness	0.7 mm
PVC Inner Sheath Thickness	3 mm*
PVC Outer Sheath Thickness	1.24 mm
Socket Compatibility	Single-phase Indian Standard 16 Amp Socket
Plug Top	16 Amp Type M, Norisys Brand
Output Socket	16 Amp Northwest, Wipro Brand
Protection	32 Amp RCBO, 100mA
RCBO Standard	IEC 61009-1
Charging Support	Up to 3.5 kW
Reel Mechanism	Manual
Digital Energy Meter	6-in-1 Digital Energy Meter
Weather Resistance	–55°C to 50°C
Fire Resistant Cable	Yes
Dimensions	13 (L) × 9 (B) × 16 (H) inches
Weight	7.4 kg

Compatible EV Models

Brand	Compatible Models
BYD	e6, Atto 3, Seal, Sealion 7, eMAX 7
Hyundai	Kona Electric, IONIQ Electric, Creta Electric

Brand	Compatible Models
Kia	EV6, Carens Clavis, Syros EV
Mahindra	XUV400, XUV E8, XUV 9E, BE6, XUV 3XO
MG	ZS EV, Windsor, Cyberster
Tesla	Model Y
Tata	Curvv, Nexon EV, Harrier EV, New Punch EV Smart+ 40 kWh, Sierra
Mercedes-Benz	EQB
Volvo	XC40
BMW	iX1
Maruti Suzuki	e Vitara
VinFast	VF6, VF7, VF MPV 7

5. W2 Frunk – Technical Specifications

Specification	Details
Product Model	W2 Frunk
Product Type	Compact Portable EV Charging Extension Reel
Cable Length	15 metres
Cable Size	2.5 sq mm
Cable Core	3-Core Copper
Protection Type	MCB
Digital Energy Meter	Not Included
External Earthing Mechanism	Yes
Design	Compact Frunk-Fit Design
Ideal Usage	Regular home, city charging and travel
Safety Level	High
Operating Temperature	–55°C to 50°C
Dimensions	8 (L) × 8.5 (B) × 12.5 (H) inches
Weight	3.75 kg
Warranty	2 Years

Compatible EV Models

Brand / Category	Compatible Models
Cars	Tata Tiago EV, Tata Tigor EV, MG Comet Ev, Citroen e-C3
Auto	Mahindra Treo, Mahindra Treo Plus, Bajaj RE E-TEC 9.0, TVS King EV Max, Piaggio Ape E-City, Piaggio Ape E-City FX, Atul Mobili, Atul Elite, Greaves, Eltra City, Montra Electric Super Auto, OSM Stream City
Trucks	Tata Ace EV, Tata Ace EV 1000, Tata Ace Pro EV, Tata Intra EV Pickup, Mahindra ZEO, Euler Strom EV, Eicher Pro X EV, Switch leV
Loaders:	Mahindra Treo Zor, Mahindra Zor Grand, Euler HiLoad EV, Piaggio Ape E-Xtra FX, Altigreen ne EV, Altigreen ne EV Bhai, Bajaj Maxima XL Cargo, E-TEC 9.0/ 12.0, YC Electric E Loader, Etrio Touro Max Loader, Etrio Touro Mini Loader

6. W3 Frunk – Technical Specifications

Specification	Details
Product Model	W3 Frunk
Product Type	Compact Portable EV Charging Extension Reel
Cable Length	15 metres
Cable Size	4 sq mm
Cable Core	3-Core Copper
Protection Type	MCB
Digital Energy Meter	Not Included
External Earthing Mechanism	Yes
Design	Compact Frunk-Fit Design
Ideal Usage	Regular home, city charging and travel
Operating Temperature	–55°C to 50°C
Safety Level	High
Operating Temperature	–55°C to 50°C
Dimensions	8 (L) × 8.5 (B) × 12.5 (H) inches
Weight	4.25 kg
Warranty	2 Years

Compatible EV Models

Brand	Compatible Models
BYD	e6, Atto 3, Seal, Sealion 7, eMAX-7
Hyundai	Kona Electric, IONIQ Electric, Creta Electric
Kia	EV6, Carens Clavis, Syros EV
Mahindra	XUV400, XUV E8, XUV 9E, BE6, XUV 3XO
MG	ZS EV, Windsor, Cyberster
Tesla	Model Y
Tata	Curvv, Nexon EV, Harrier EV, New Punch EV Smart+ 40 kWh, Sierra
Mercedes-Benz	EQB
Volvo	XC40
BMW	iX1
Maruti Suzuki	e Vitara
VinFast	VF6, VF7, VF MPV 7

7. Power Tank 3.5 kW Portable EV Charger

Specification	Details
Product Model	Power Tank 3.5 kW
Product Type	Portable CCS Type 2 EV Charger
Rated Charging Power	3.5 kW
Output Current	16 Amps
EV Connector	CCS Type 2
Cable Length	5 metres
Input Requirement	Standard Single-phase 16 Amp Socket
Design	Plug & Play
Display	Digital Display
Auto Start / Stop	Yes
Delay Timer	Yes
Protection	Multi-protection
Voltage Monitoring	Yes
Current Monitoring	Yes
Leakage Protection	Yes
IP Rating	IP55
Operating Use	Portable / Travel / Home Charging
Warranty	3 years on charger 10 years on cable

EV Compatibility

Compatibility	Details
Connector Compatibility	CCS Type 2 EV Charging Port
Charging Capability	Compatible with EVs supporting Type 2 AC charging within the charger's 3.5 kW / 16A capacity
Charging Time	Depends on the EV's onboard charger and battery capacity

8. Ultra Models – 6-in-1 Digital Energy Meter

Applicable to W2 Ultra and W3 Ultra.

Parameter	Details
Voltage Measurement	Yes
Current Measurement	Yes
Power Measurement	Yes
Energy Consumption	Yes
Frequency Measurement	Yes
Power Factor Measurement	Yes
Overload Indication	Yes
Energy Memory Retention	Yes
Resettable Energy Counter	Yes
Display	LCD Multi-Parameter Display
Voltage Range	80–260V AC
Maximum Current Measurement	Up to 100A via CT Sensor
Accuracy	±1%
Wiring	Single-Phase
Compatibility	W2 Ultra, W3 Ultra and Single-Phase EV Setups

9. External Earthing System

Applicable to Ultra and Frunk Models.

Specification	Details
Earthing Rod Material	Solid Pure Copper
Thickness	6 mm
Length	14 inches
Earthing Resistance	Approximately 3 Ohms, depending on soil conditions
Recommended Usage	Insert firmly into moist soil
Earthing Cable	Premium Silicone Earthing Cable
Earthing Cable Length	5 metres
Conductor	Pure Copper
Cable Temperature Resistance	−60°C to +200°C
Application	EV charging locations without existing grounding

10. Safety Features Comparison

Safety Feature	W2 Ultra	W3 Ultra	W2 Frunk	W3 Frunk	Power Tank
RCBO Protection	Yes	Yes	No	No	Multi-protection system
MCB Protection	No	No	Yes	Yes	Multi-protection system
Overcurrent Protection	Yes	Yes	Yes	Yes	Yes
Earth Leakage Protection	Yes	Yes	Based on electrical setup	Based on electrical setup	Yes
External Earthing Support	Yes	Yes	Yes	Yes	Requires proper existing earthing
Digital Energy Monitoring	Yes	Yes	No	No	Digital Display
Waterproof Cable	Yes	Yes	Yes	Yes	Charger- IP55 (cable waterproof)
Fire Resistant Cable	Yes	Yes	Yes	Yes	Yes
Outdoor Use	Yes*	Yes*	Yes*	Yes*	Yes

Important: For Ultra & Frunk models, the cable is waterproof, but the charger unit should be kept dry and protected from direct rain or water exposure.

11. Warranty & Support

Product	Website / WhatsApp Warranty	Marketplace Warranty
W2 Ultra	2 Years	1 Year
W3 Ultra	2 Years	1 Year
W2 Frunk	2 Years	Refer to current marketplace listing
W3 Frunk	2 Years	Refer to current marketplace listing
Power Tank 3.5 kW	3 years on charger 10 years on cable	1 year on charger 5 years on cable

End of Technical Data Sheet

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