

EMPOWERING A **SUSTAINABLE PLANET**

Breathe Pure • Save More • Go Electric

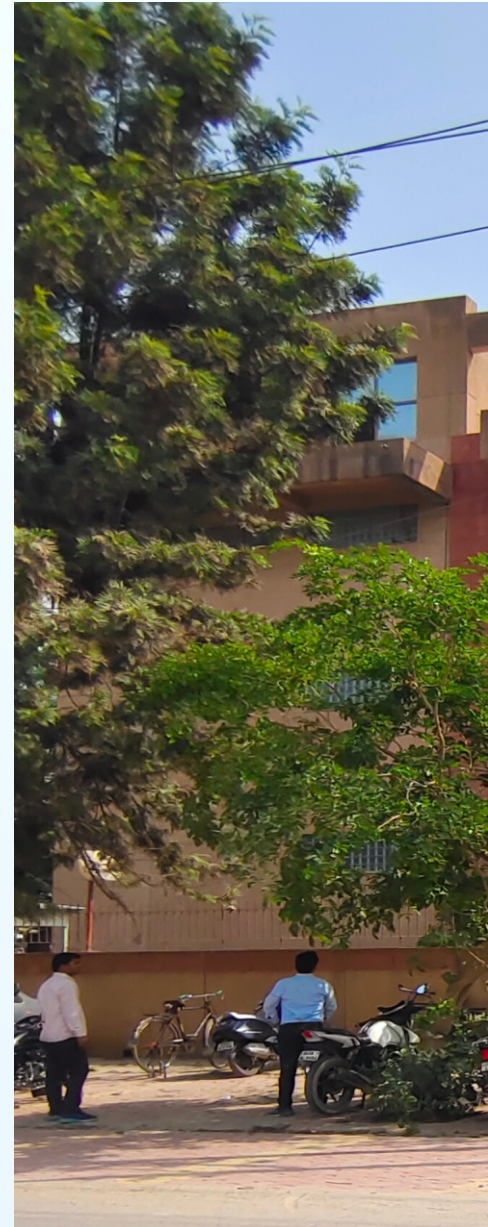


ABOUT THE COMPANY

Neenjas Technologies Pvt. Ltd. stands as a leading innovator in the electronics industry, committed to delivering reliable, high-performance solutions tailored to the dynamic needs of the market. Specializing in products like LED modules, LED strips, SMPS, EV chargers, segmented displays, surge protection devices (SPD), and controllers for LED-based systems, we provide both product offerings and turnkey solutions to meet diverse customer demands.

We operate two state-of-the-art manufacturing units in India. Two are in Greater Noida with one RnD office situated in Noida. Our manufacturing setup is ISO 9001:2015 certified, IATF 16949:2016 certified and complies with EMS standards as per ISO 14001:2015.

Under the brand **Neenjas Electric**, we focus on the development of **Electric Vehicle chargers**. We offer IP-67 rated fast DC chargers for all types of mobility vehicle ranges – 2W, 3W, and 4-wheelers. In-house design and Manufacturing, Dedicated R&D team with extensive experience in power electronics, State of the Art **IATF compliant** Manufacturing setup as per automotive standard.



2009

Company Founded



350+

Employees



14000 sq.ft

Office + RnD Space



1,00,000 sq.ft

Factory Area



Our Latest product range includes **Solar Power Station & Inverters** ensuring stable power distribution and transition to a cleaner and more sustainable energy systems across various applications.

At Neenjas Electric, customer satisfaction is at the heart of everything we do. We pride ourselves on offering unparalleled customer service and building long-lasting partnerships through reliable products and comprehensive support.



OUR TEAM



Vineet Gupta
(Managing Director)



Gopi Ramki
(Technical Director)



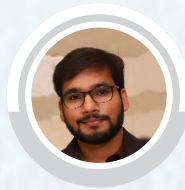
Shaina Pathak
Marketing Head - EV
MBA (Mkt. & Fin.)
(GNDU)



Hariharan Duraivelu
R&D Head (Mechanical)
BTech & MSc (Mechanical Engineering)
(University of Manchester, England)



Harpreet Singh
VP - Sales & Marketing
B.Tech (Automotive Engg)
(DCE)



Gaurav Arya
Production and Planning Head
B.Tech (Elec. & Comm. Engg)
(Kurukshetra Univ.)



Parth Arora
R&D Head (Hardware)
B.Tech (Elec. & Comm. Engg)
(MAIT)



Pawan Kishore
R&D Head (Software)
B.Tech (Mechanical Engg.
(IIT Jodhpur)

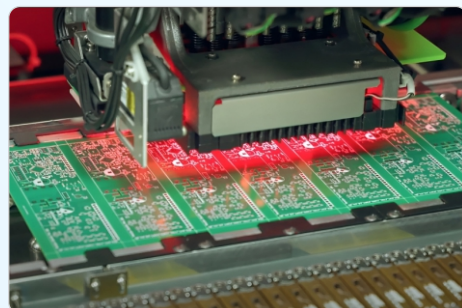


Aakash Borse
R&D Head (Systems T&V)
B.Tech (Electrical Engineering)
Pune University

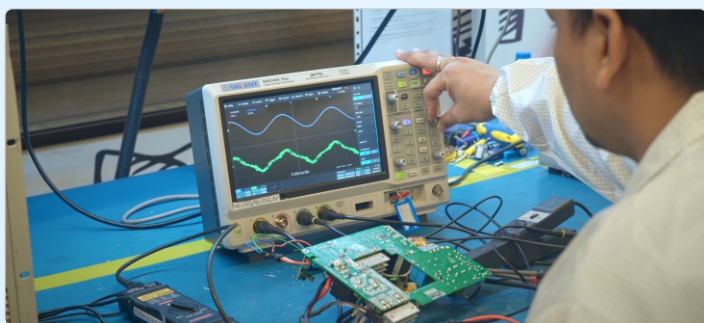


OUR STATE OF THE ART MANUFACTURING FACILITIES

Production Setup



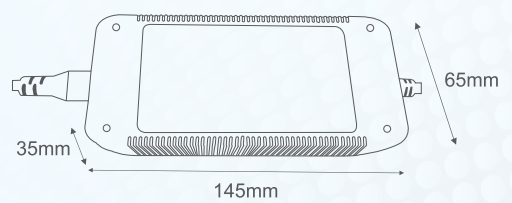
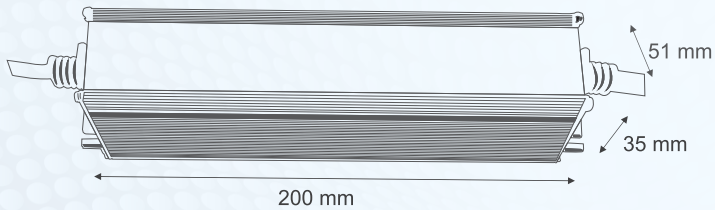
Research & Development





EV CHARGER

150W



TECHNICAL SPECIFICATIONS

Safety & EMC	
Withstand Voltage	I/P-O/P : 3 KV, I/P-Earth : 2 KV, O/P-Earth : 2 KV
Isolation Resistance	I/P-O/P, I/P-Earth, O/P-Earth : 45M ohm/500VDC
EMI & EMC	Inbuilt EMI Filter as per CISPR 14-1

Temperature	
At Ta : 50°C	150W
Max Casing Temperature At Full Current (Tc)	65 °C

Dimensions (mm)	
LxBxH	200 x 51 x 35

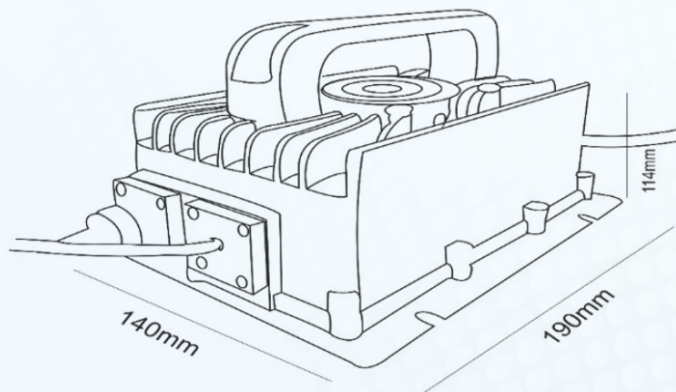
Model No.		NEV-150WP-LX-24	NEV-150WP-LX-36	NEV-150WP-LX-48
Ratings		24V/2-5A	36V/2-3.5A	48V/2-2.5A
Output Parameters	Max Voltage	29.4V	42V	58.8V
	Voltage Precision	<2%		
	Current Precision	<3%		
	Max DC Curren	5A	3.5A	2.5A
	Maximum Power	147W	147W	147W
Input Parameters	Voltage Range	140-275VAC		
	Frequency	47-63 Hz		
	Efficiency	≥ 91%		

2 LED Indications			
Stage	LED 1		LED 2
Standby Mode (No Battery Connected)	ON	●	ON ●
Trickle or 0 to 50% Charging	Slow Blinking	●	ON ●
50 to 100% Charging	Slow Blinking	●	ON ●
Battery Fully Charge	ON	●	ON ●
Over Temperature Protection (OTP)	ON	●	ON ●
Over Time	ON	●	ON ●
Error Code	ON	●	ON ●
Reverse Battery	ON	●	ON ●





EV CHARGER



TECHNICAL SPECIFICATIONS

Safety & EMC	
Withstand Voltage	I/P-O/P : 3 KV, I/P-Earth : 2 KV, O/P-Earth : 2 KV
Isolation Resistance	I/P-O/P, I/P-Earth, O/P-Earth : 45M ohm/500VDC
EMI & EMC	Inbuilt EMI Filter as per CISPR 32 (Class-B)

Temperature	
At Ta : 50°C	900W
Max Casing Temperature At Full Current (Tc)	65 °C

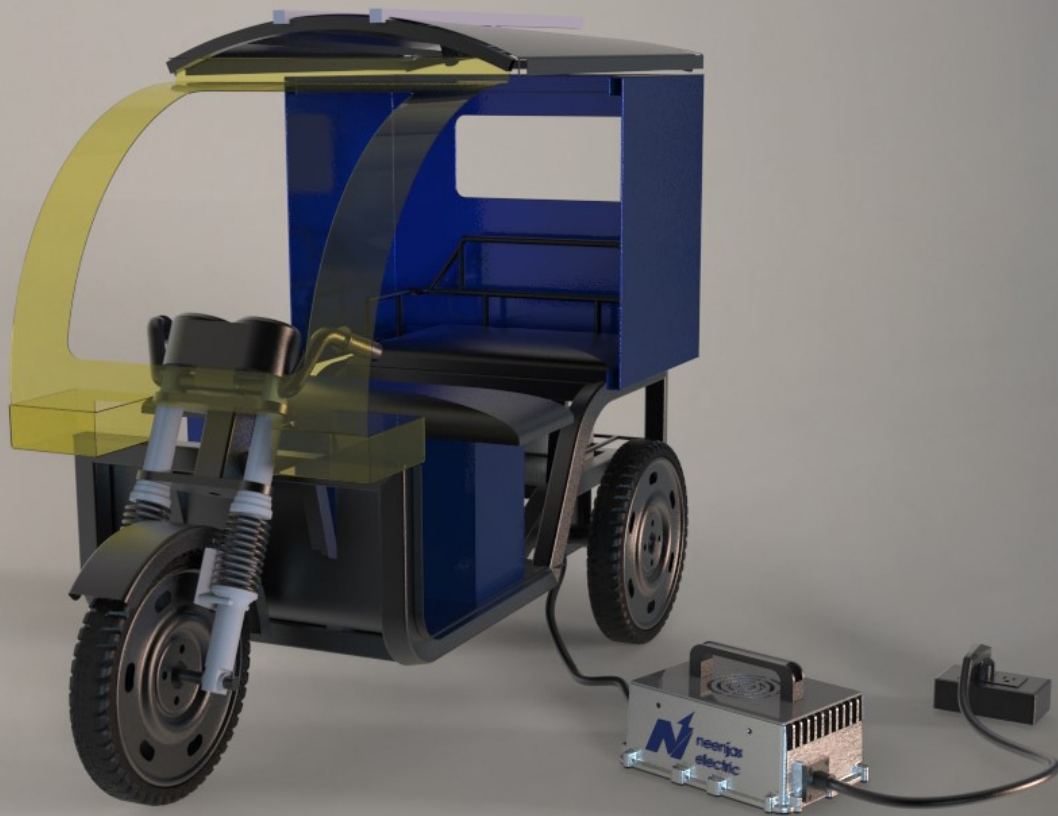
Dimensions (mm)	
LxBxH	190 x 140 x 114

Model No.		NEV-900WP-LX-48	NEV-900WP-LX-60	NEV-900WP-LX-72
Ratings		48V/10-15A	60V/8-12A	72V/7-10A
Output Parameters	Max Voltage	60V	72A	84V
	Voltage Precision	<2%		
	Current Precision	<3%		
	Max DC Current	15A	12A	10A
	CAN Interface	Optional		
	Maximum Power	882W	857W	840W

Input Parameters	Voltage Range	90-280VAC , Under Voltage cut off @90VAC, Power Derating 180/190VAC Over Voltage cut off @290VAC
	Frequency	47-63 Hz
	Efficiency	> 91%
	PF	≥0.98 (@230VAC full load)
	THD	<10%

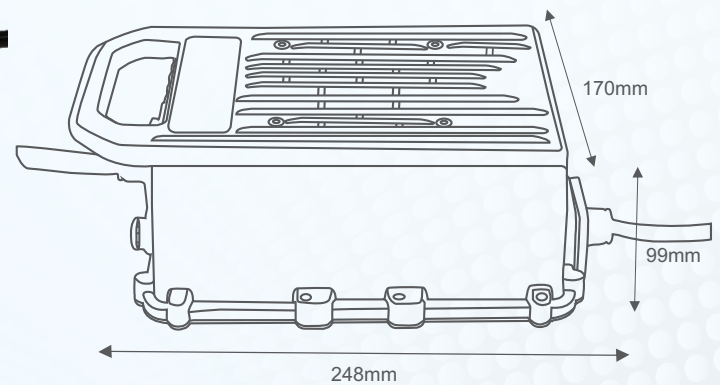
Single LE Indications	
Stages	LED 1
Stand by	● White Constant
Charging	● Green Blinking
F ll Charge	● Green Constant
Error Code	● Red Constant





EV CHARGER

1500W - 1800W



TECHNICAL SPECIFICATIONS

Safety & EMC	
Withstand Voltage	I/P-O/P : 3 KV, I/P-Earth : 2 KV, O/P-Earth : 2 KV
Isolation Resistance	I/P-O/P, I/P-Earth, O/P-Earth : 45M ohm/500VDC
EMI & EMC	Inbuilt EMI Filter as per CISPR 32 (Class-B)

Temperature	
At Ta : 50°C	1800W
Max Casing Temperature At Full Current (Tc)	65 °C

Dimensions (mm)	
LxBxH	248 x 170 x 99

Model No.		NEV-1800WP-LX-48	NEV-1800WP-LX-60	NEV-1800WP-LX-72
Ratings		48V/25A-30A	60V/20A-25A	72V/18A-21A
Output Parameters	Max Voltage	60V	72A	84V
	Voltage Precision	<2%		
	Current Precision	<3%		
	Max DC Current	30A	25A	21A
	CAN Interface	Optional		
	Maximum Power	1800W	1800W	1800W

Input Parameters	Voltage Range	90-280VAC , Under Voltage cut off @90VAC, Power Derating 180/190VAC Over Voltage cut off @290VAC
	Frequency	47-63 Hz
	Efficiency	> 91%
	PF	≥0.98 (@230VAC full load)
	THD	<10%

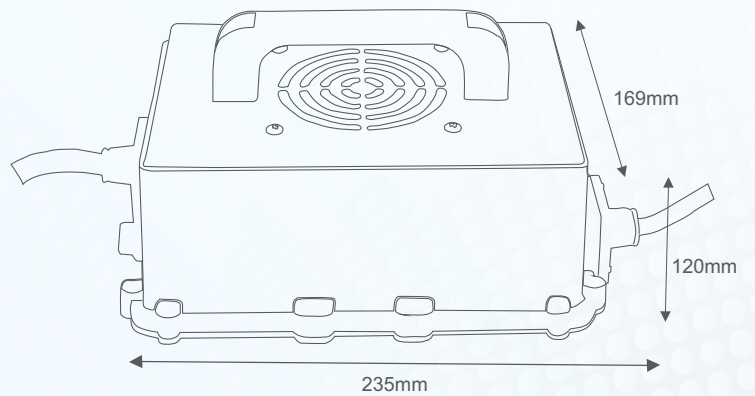
Single LED Indications	
Stages	LED 1
Stand by	● White Constant
Charging	● Green Blinking
Full Charge	● Green Constant
Error Code	● Red Constant





EV CHARGER

2200W



TECHNICAL SPECIFICATIONS

Safety & EMC	
Withstand Voltage	I/P-O/P : 3 KV, I/P-Earth : 2 KV, O/P-Earth : 2 KV
Isolation Resistance	I/P-O/P, I/P-Earth, O/P-Earth : 45M ohm/500VDC
EMI & EMC	Inbuilt EMI Filter as per CISPR 32 (Class-B)

Temperature	
At Ta : 50°C	2200W
Max Casing Temperature At Full Current (Tc)	85 °C

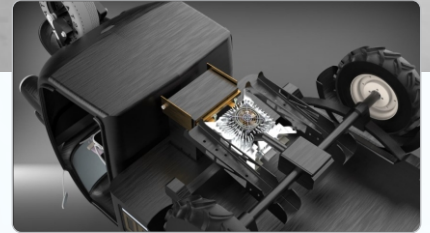
Dimensions (mm)	
LxBxH	235 x 169 x 120

Model No.		NEV-2000WP-LX-48	NEV-2000WP-LX-60	NEV-2000WP-LX-72
Ratings		48V/ 40A	60V/30A	72V/25A
Output Parameters	Max Voltage	60V	72A	84V
	Voltage Precision	<2%		
	Current Precision	<3%		
	Max DC Current	40A	30A	25A
	CAN Interface	Optional		
	Maximum Power	2160W	2100W	2100W

Input Parameters	Voltage Range	90-280VAC , Under Voltage cut off @90VAC, Power Derating 180/190VAC Over Voltage cut off @290VAC
	Frequency	47-63 Hz
	Efficiency	> 91%
	PF	≥0.98 (@230VAC full load)
	THD	<10%

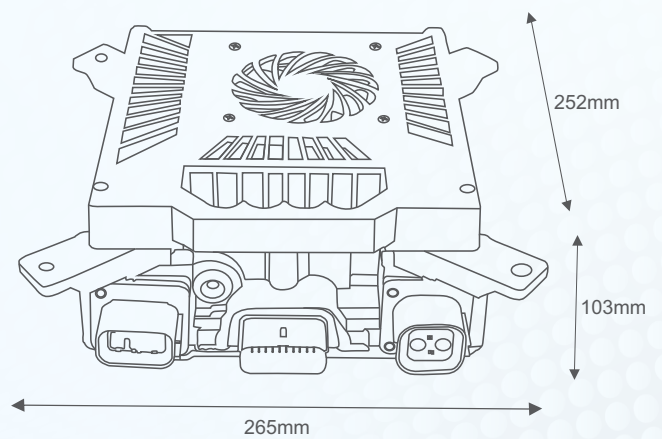
Single LED Indications	
Stages	LED 1
Stand by	● White Constant
Charging	● Green Blinking
Full Charge	● Green Constant
Error Code	● Red Constant





EV CHARGER

3300W



TECHNICAL SPECIFICATIONS

Safety & EMC	
Withstand Voltage	I/P-O/P : 3 KV, I/P-Earth : 2 KV, O/P-Earth : 2 KV
Isolation Resistance	I/P-O/P, I/P-Earth, O/P-Earth : 45M ohm/500VDC
EMI & EMC	Inbuilt EMI Filter as per CISPR 25

Temperature	
At Ta : 50°C	3300W
Max Casing Temperature At Full Current (Tc)	70 °C

Dimensions (mm)	
LxBxH	265 x 252 x 103

Model No.		NEV-3300WP-LX-48	NEV-3300WP-LX-72	NEV-3300WP-LX-108
Ratings		48V/50A	72V/40A	108V/32A
Output Parameters	Voltage Range	35-70V	50-107V	80-161V
	Voltage Precision	± 0.5V		
	Current Precision	± 3%		
	Max DC Current	50A	40A	32A
	CAN Interface	Optional		
	Maximum Power	3300W	3300W	3300W

Input Parameters	Voltage Range	90-280VAC , Under Voltage cut off @90VAC, Power Derating 180/190VAC Over Voltage cut off @290VAC
	Frequency	47-53 Hz
	Efficiency	>91%
	PF	≥0.98 (@230VAC full load)
	THD	<10%

Single LED Indications	
Stages	LED 1
Stand by	● White Constant
Charging	● Green Blinking
Full Charge	● Green Constant
Error Code	● Red Constant



MACH 10

High Frequency Battery Charger 10KW



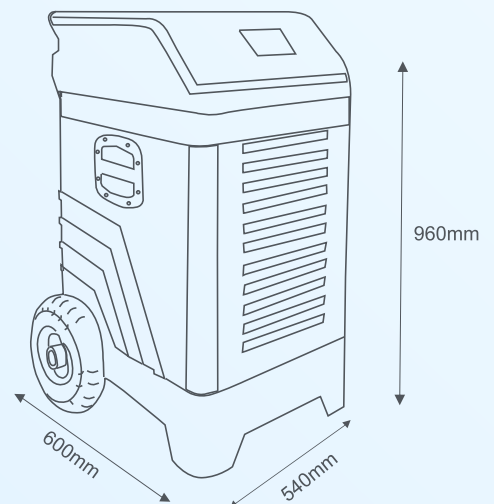
Robust and powerful fast charger, ideal for harsh environment conditions.



Compliant to global standards and regulations



Designed for easy handling and transportation on the worksite



TECHNICAL DATA

DESCRIPTION	VALUE AND/OR RANGE
Supply Voltage 1-ph and 3-ph	100-240 [1-ph] ; 200-240 [3-ph], 400 [3-ph + N] Vac
Frequency	50 ~ 60 Hz
Absorbed Max. Current 1-ph and 3-ph	48A [1-ph]; 27,7 A [3-ph], 16A [3-ph + N]
Inrush Current	< 9A
Power Factor	0.98
Absorbed Maximum Power	9.9 KW
GENERAL	
Operating temperature range	-20°C/+50°C (-4°F/+122°F)
Maximum relative humidity	95%
Efficiency	Up to 93%
Maximum size	960 x 540 x 600 mm
Weight	66kg
Enclosure class	IP55
VOLTAGE	
36V	120A
48V	120A
72V	120A
96V	90A

Charger can go upto 150A but connector max. current limitation is 120A

KEY CHARACTERISTICS

- LCD Display provides real-time information on current, voltage, percentage of charge, and fault conditions.
- Bluetooth / Wi-Fi Optional
- Customise as per user CAN protocol
- OVP / UVP / OCP / OTP & Reverse Battery Protection
- IP55 Protection (for harsh environment)
- Modular Approach
- Type 6 Output Connector
- EMI / EMC – CISPR25
- Surge 4KV



Neenjas PROTECT

Portable Residual Current Device

Advanced Electrical Safety for EV Charging

Model **NEV-EI500I**



**Application
Standard**

IEC 61540
IS 1293



Universal Input Protection

Wide Input Range 85-275Vac
Rated Current 16A



Safety Protection

Earth leak sensing & trip
OVP trip with auto recovery
Plug OTP trip with auto recovery



Surge Protection

4kV Differential Mode
6kV Common Mode



Water & Dust Protection

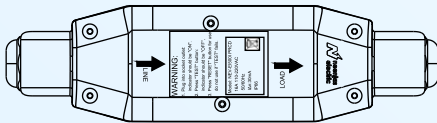
IP66 Waterproof

In-house Designed for Safe & Reliable EV Charging Protection

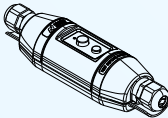
Technical Specifications

1	Model No.	NEV-EI500I
2	Rated Current	16A
3	Voltage Range	85Vac to 275Vac (OVP will be enabled post 275V)
4	Maximum Operating rated Voltage	275Vac (440V protection is there)
5	Over Voltage Prot.\ection	> 275Vac with autorecovery at 265Vac
6	Rated Frequency	45 - 63 Hz
7	Leakage non - trip current	15mA
8	Residual operating current	upto 15mA
9	I Δ n	30mA
10	Tripping Time	Within 30ms
11	Trip Characteristics	Instantaneous
12	Operating characteristics in case of residual current	Type A
13	Grounding continuity Test	< 100 mohm
14	Contact Lifecycle	10000 Cycles
15	IP rating	IP 66
16	Operating Temperature Range	.-20°C to +80°C
17	Insulation resistance between conducting and non-conducting	Min 10M ohm
18	Wire Guage	2.5 mm sq
19	Functional	Double pole switching Auto tripping Auto Reset for all features except earth leakage Manual Test button provided Power ON indicator light
20	Applicable standards	3 PIN Plug as per IS 1293 earth leakage trip as per IEC 61540

Product Drawing



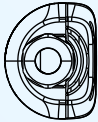
BOTTOM VIEW:



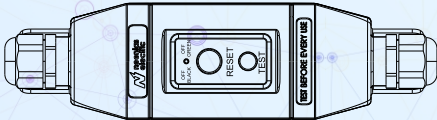
LEFT SIDE VIEW:



FRONT VIEW:



RIGHT SIDE VIEW:



TOP VIEW:

Saathee 1000

RELIABLE POWER, ANYWHERE

Your all-in-one portable power station for home backup, outdoor adventures, work-on-the-go and emergency power.

1000W

Pure Sine Wave
AC Output

2000Wh

High Capacity

5 Years

Warranty

IP54

Dust & Water
Resistant



1. <15mS

Switchover
Time



2. UPS

Compatible



3. X-Charge

Fast Charging
up to 2X Faster



4. IP54

Dust & Water
Resistant



Smart App
Support



Built-in
Retractable 100W
USB-C Cable



Detachable
Torch



Wireless
Charging



Car Charging
Support



Solar Panel
Charging
Support



TECHNICAL SPECIFICATIONS

Capacity	2000Wh	
AC Input	220-240V ~ 50Hz, 1200W Max	
Solar Input	550W	
AC Output	1000W	
Output Ports	USB-A Ports	1 × 15W, 1 × 18W
	USB-C Ports	1 × 33W, 1 × 100W
	DC Car Outlet	1 × 12V
	DC5521 Ports	2 × 12V
	Wireless Charger	1 × 15W
	LED Torch	1 × 5W
Dimensions	300 x 280 x 245 mm	
Weight	18 kg	
Warranty	5 years	
What's in the Box	User Manual, AC Charging Cable, Car Charging Cable, App Guide, Warranty Card	

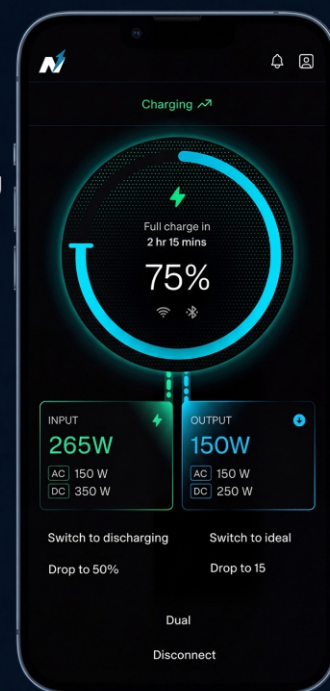
POWER THAT MOVES WITH YOU.

Compact design. Big performance.
Built for life on the go.

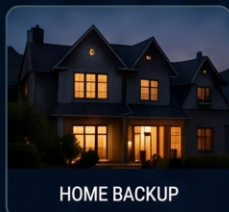


SMART APP CONTROL

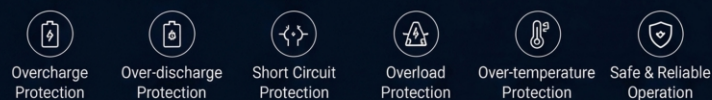
- ✓ Real-time status monitoring
- ✓ Input / Output power tracking
- ✓ Smart charging modes
- ✓ OTA updates



POWER FOR EVERY SCENARIO



ADVANCED PROTECTION



CERTIFICATIONS



NEDC 400

400W DC-DC CONVERTER

RUGGED. RELIABLE. READY FOR EXTREME CONDITIONS.



Efficient Heat
Dissipation



Short Circuit
Protection



Reverse Polarity
Protection



IP67
Waterproof



CAN
Control



-20°C to +60°C
Operation

BUILT TO PERFORM. ENGINEERED TO ENDURE.

The NEDC 400 is a high-efficiency, 400W DC-DC converter designed to deliver stable 12V power in the most demanding environments. With robust protections, IP67 waterproof rating, and CAN control capability, it is ideal for industrial, automotive, marine, and off-road applications.

IDEAL APPLICATIONS



Commercial
Vehicles



Electric
Buses



Marine
Systems



Industrial
Equipment

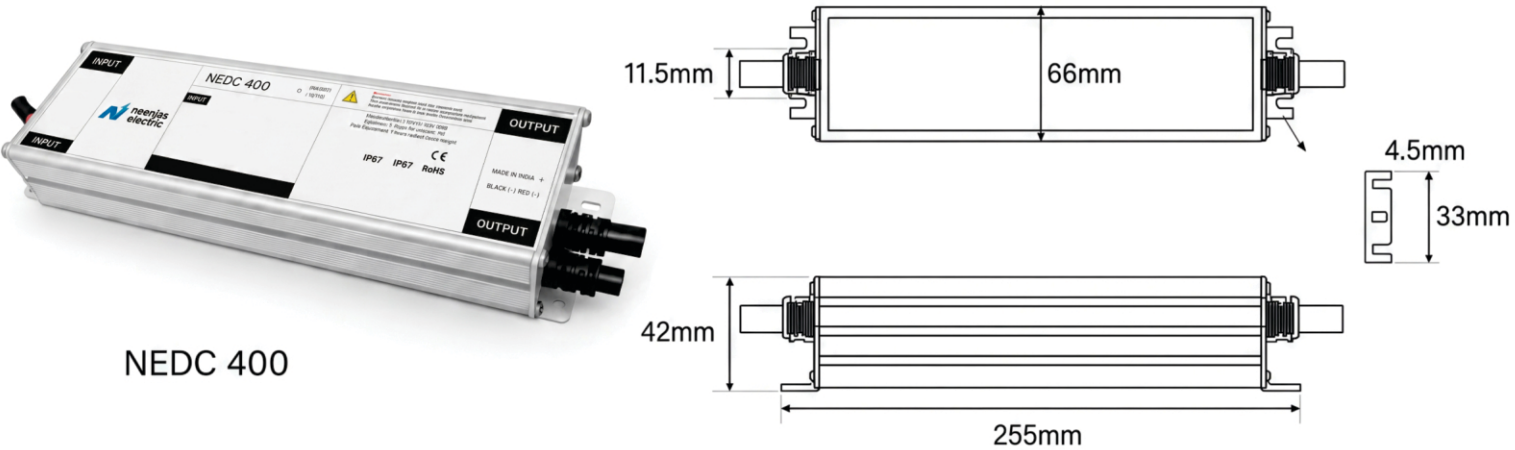


Renewable
Energy

TECHNICAL SPECIFICATIONS

SPECIFICATION		DETAILS
DC INPUT		
Input Voltage		36V 48V 60V 72V 84V 96V
Input Voltage Range		35VDC – 96VDC
DC OUTPUT		
Nominal Output Power		400W
Nominal Output Voltage		12V
Output Current		33A
Efficiency		>91% typical at full load
Voltage Regulation		±1%
PROTECTIONS		
Output Short Circuit —		Yes
OVP UVP		Yes
Input Reverse Polarity		Yes
Over Current Protection		Yes
Over Temperature Protection		Yes
Surge Protection		Yes
ENVIRONMENTAL		
Operation Ambient Temperature		-20°C to +60°C
Storage Ambient Temperature		-20°C to +100°C
MECHANICAL DATA		
Dimension (mm)		255L x 66W x 42H
Ingress Protection		IP67
Casing		Aluminium
Cooling		Natural Cooling (Heatsink)
Weight (Kg)		1.1

DIMENSIONS (mm)



Specifications are subject to change without notice.

Our Team

Our Strength



NEENJAS TECHNOLOGIES PVT. LTD

Unit 1 :

Neenjas Technologies Pvt Ltd
B-50 , Sector 59 , Phase -3
Noida , UP - 201309

Unit 2 :

Neenjas Technologies Pvt Ltd
Plot No. 220B , UK-1 sector Ecotech -3 , Greater Noida
UP- 201306

Unit 3 :

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