

<https://musannatech.com>



MUSANNA
TECHNICAL (PRIVATE) LIMITED



CONTACT US

-  **Musanna Tech (Pvt) Ltd**
Building No A15, NASTP Industrial Innovation Enclave,
NASTP Alpha, Old Airport Road Rwp.
-  **502 Central Workshop EME**
Production Engineering Group (PEG),
Adyala Rd, Lalazar, Rawalpindi
-  info@musannatech.com
ad_peg_mfr@outlook.com
-  0319 9949042, 051 9275062



MUSANNA
TECHNICAL (PRIVATE) LIMITED

EV SOLNS

BY MUSANNA

POWERING A SUSTAINABLE TOMORROW



BUILT FOR TODAY | DESIGNED FOR TOMORROW



ECO-FRIENDLY



COST-EFFECTIVE



LOW MAINTENANCE



HIGH PERFORMANCE



MADE IN PAKISTAN



EV SOLNS

BY MUSANNA

PREAMBLE

Musanna Tech (Pvt) Ltd is committed to advancing Pakistan's technological capabilities through the indigenous development of Electric Vehicles (EVs). Utilizing our existing infrastructure, engineering expertise, and skilled workforce, we have successfully designed and developed a range of concept-based EVs without relying on external technological support. These vehicles reflect our dedication to innovation, self-reliance and local engineering excellence.

Recognizing that the future of mobility is electric, we have invested our efforts in creating sustainable and environment friendly transportation solutions. Our concept Electric Vehicles (EVs) are developed with the vision of reducing dependence on conventional fuels while promoting modern, efficient and cost-effective mobility options for the users.

At Musanna Tech (Pvt) Ltd, we aspire to play a meaningful role in Pakistan's transition towards a greener and more technologically advanced future. Through continuous innovation and local manufacturing capabilities, we aim to contribute to economic growth, technological progress and the development of a cleaner transportation ecosystem for generations to come.



INDIGENOUS INNOVATION SUSTAINABLE MOBILITY

ABOUT US

Musanna Tech (Pvt) Ltd. is a leading indigenous technology company committed to developing innovative electric mobility and sustainable transportation solutions for defense, government, commercial and industrial sectors. Through local engineering, manufacturing and integration capabilities, we design reliable EV platforms that reduce operational costs, minimize environmental impact and support national self-reliance. Our product portfolio includes electric two-wheelers, cargo carriers, utility vehicles, ambulances, specialized defense mobility platforms and renewable energy charging solutions.

OUR MISSION

To empower sustainable transportation through locally engineered electric vehicle technologies that enhance efficiency, reduce environmental impact and strengthen national technological capabilities. By leveraging indigenous innovation and advanced manufacturing, we deliver reliable mobility solutions tailored to defense, government and commercial applications. We are committed to driving Pakistan's transition toward a cleaner, smarter and self-reliant future.



EV SCOOTY PeRide

Designed for smart mobility, PeRide offers a **smooth, eco-friendly** & **zero-emission** urban riding experience. A **cost-effective** & sustainable 2-wheeler solution for **daily commuting**.



PR1200

	Motor
	1200 W
	Battery
	72V 32 AH Dry Bty
	Speed
	60 km/h
	Charging Time
	4 - 5 hrs
	Range
	50 - 60 km



Engineered for extended **city travel & superior performance**, this premium variant offers ultimate efficiency and style. A **heavy-duty, low-maintenance electric vehicle** designed for longevity.



PR1200^{2.0}

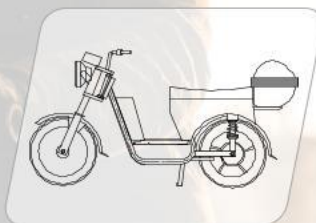
	Motor
	1200 W
	Battery
	72V 30 AH LFP
	Speed
	60 km/h
	Charging Time
	3 - 4 hrs
	Range
	50 - 110 km



EV Bike Green Ride



Built for **eco-conscious** riders, Green Ride offers high torque & extended urban range. A **low-maintenance electric** bike designed for maximum daily savings with **desired storage space**.



GR1500

	Motor
	1500 W
	Battery
	60V 45 AH LFP
	Speed
	60 km/h
	Charging Time
	4 - 5 hrs
	Range
	80 - 85 km



EV BIKE Multi Purpose Bike

Built for **maximum versatility**, this high-speed EV bike is your ultimate **multi-purpose utility vehicle**. Designed for demanding specialized needs, it is the ideal heavy-duty ride for **Mobile Repair, Medical Services, Rescue 1122 teams** etc.



MPB1500

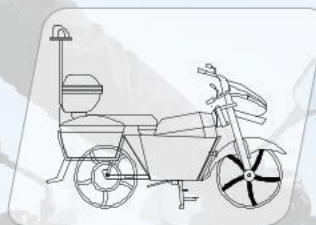
	Motor
	1500 W
	Battery
	72V 27 AH LFP
	Speed
	55 - 60 km/h
	Charging Time
	3 - 4 hrs
	Range
	90 km

HEAVY BIKE

Green Thunder (NAZ-1500)



Engineered for extreme performance and **long-range touring**, **Green Thunder** is your ultimate heavy-duty stylish bike. Built to conquer **rugged off-road trails & deliver high-speed mobility**, it offers relentless endurance for any adventure or mission.

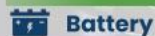


NAZ1500



Motor

1500 W



Battery

72V 60 AH LFP



Speed

120 km/h



Charging Time

4 - 5 hrs



Range

130 - 140 km



HEAVY BIKE

Green Thunder (GT-1500)

Designed with an **aerodynamic profile** for **high-speed tracking**, this premium variant offers exceptional **road stability & superior endurance**. A state-of-the-art electric bike perfectly tailored for seamless **long distance travel & unmatched highway performance**.



GT1500



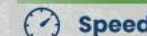
Motor

1500 W



Battery

72V 60 AH LFP



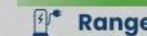
Speed

120 km/h



Charging Time

4 - 5 hrs



Range

130 - 140 km

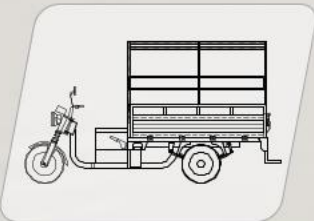
TROOP CARRIER

Green Carrier



Engineered for secure transit and heavy-duty logistics, A covered, high-capacity utility vehicle perfectly tailored for **high speed, stability, safe man power transport, estate logistics & maximum multi-passenger efficiency (Upto 11 indls).**

3 WHEELERS



GC 3.0

Motor	3 kW PMSM
Battery	7.6 kWh
Speed	60 km/h
Charging Time	5 - 6 hrs
Range	110 - 120 km

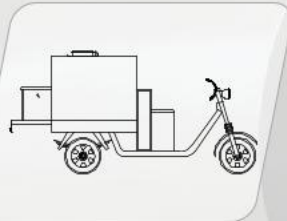


WATER BOWZER

eBowzer

Engineered for sustainable and efficient localized water distribution. Equipped with a high-performance **Honda WL30XH pump**, it seamlessly pumps water to multi story buildings, **ensuring reliable & powerful delivery.**

3 WHEELERS



EB 4.0

Motor	4 kW PMSM
Battery	7.6 kWh
Speed	60 km/h
Charging Time	5 - 6 hrs
Range	90 - 100 km

GREEN TIPPER eTipper



Engineered for **efficient waste and material disposal**, this electric 3-wheeler delivers a **robust, eco-friendly & heavy-duty (up to 1500kg)** dumping solution tailored for demanding environments.



ET3.0

	Motor
	3 kW PMSM
	Battery
	72V 100 AH LFP
	Speed
	60 km/h
	Charging Time
	5 - 6 hrs
	Range
	110 - 120 km

ELECTRIC CARGO Adm Cart



Engineered for general **administrative logistics & efficient material movement**, this electric 3-wheeler offers a **reliable, open-cargo transport solution** featuring a heavy-duty loading capacity of **max 1500kg**.



AC3.0

	Motor
	3 kW PMSM
	Battery
	72V 100 AH LFP
	Speed
	60 k m/h
	Charging Time
	5 - 6 hrs
	Range
	110 - 120 km

ADM CART E-Mighty

Engineered for **high-capacity industrial logistics**, this robust 4-wheeler loader offers **ultimate stability, powerful zero-emission performance & a maximum loading capacity of 2000 kg.**



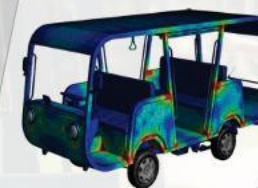
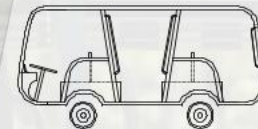
	Motor
	5 kW PMSM
	Battery
	72V 200 AH LFP
	Speed
	80 km/h
	Charging Time
	5 - 6 hrs
	Range
	110 - 120 km

EM5.0



EV CART Green Rox

Engineered for **premium passenger transit and eco-friendly eco-mobility**, this open-style 4-wheeler offers exceptional stability, comfort & silent operation with carrying **capacity of 11 indls.**



	Motor
	5 kW PMSM
	Battery
	14 kWh
	Speed
	50 km/h
	Charging Time
	5 - 6 hrs
	Range
	60 - 70 km

GR5.0

RG EXTENDED EV CART

REEC



Powered by an advanced **range-extending system** with an extra energy source for an **additional 60-70 km** of range, this premium 4-wheeler features a spacious seating **capacity of 8-11 indls.**



Motor

5 kW PMSM



Battery

20 kWh



Speed

55 km/h



Charging Time

5 - 6 hrs



Range

130 - 140 km

REEC 5.0



EV AMBULANCE

EV Amb

Engineered for prompt **emergency response & eco-friendly patient transit**, this compact 4-wheeler provides a **smooth and comfortable rescue solution.**

INTEGRATED EMERGENCY CARE FACILITIES



EMERGENCY VENTILATOR



CARDIAC MONITOR



BP APPARATUS



DEFIBRILLATOR



ECG MACHINE



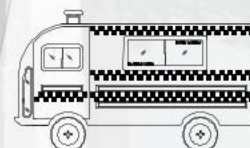
SUCTION MACHINE



UPS



FOLDABLE STRETCHER



Motor

5 kW PMSM



Battery

21 kWh



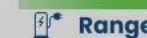
Speed

70 km/h



Charging Time

5 - 6 hrs



Range

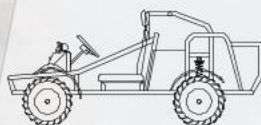
130 - 140 km

EA 5.0

All Terrain Vehicle ATV Raptor



Engineered for challenging terrains, this indigenously developed **All Terrain Vehicle (ATV)** features a **robust chassis**, high ground clearance and **rugged off-road capability** for reliable performance in diverse operating conditions.



Motor

5 kW PMSM



Battery

21 kWh



Speed

60 km/h



Charging Time

5 - 6 hrs



Range

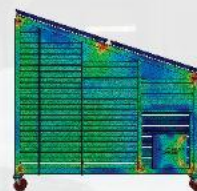
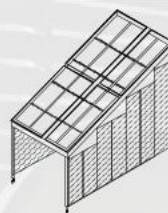
150 - 160 km

ATV-R 5.0



Solar Charger eHut

This portable solar-powered electric shed offers an efficient off-grid & WAPDA compatible charging solution. Designed for maximum utility, it can simultaneously charge **two EV bikes** & one **3/4-wheeler EV vehicle**. Beyond charging, its robust, versatile structure serves as an adaptable field asset perfect for a **mobile workshop** or **remote emergency power hub**.



Inverter

Knox 4 kW



Battery

2 x 12V 185 AH



Solar Panel

4 x 685 W

EH 4.0

CHARGING SOLNS

EV SWAPPABLE MOBILE AUTOMOTIVE RECHARGE TERMINAL

eSmart



Engineered for rapid fleet battery swapping, offering an efficient mobile automotive recharge terminal. Equipped with six charging bays, it provides **safe, organized & high-efficiency battery management, reducing charging delays & maximizing fleet availability.**



ES6.0

EV Charger	6
Battery Cap	6
Charging Time	4 - 6 hrs Per Bty



MPB-01 / MPB-02

ASSEMBLY

120 UNITS/DAY

68 UNITS

MUSANNA

TECHNICAL (PRIVATE) LIMITED

