

NEMA

OUTDOOR CHARGING



EFFICIENT

Ideal for all charging applications

RUGGED

5Y 100% Warranty, 10Y Power

PROGRAMMABLE

Modular equalize & CAN
Enabled Profiles

PROTECTION

Weather IP rated cabinet

MULTI-VOLTAGE

Adaptive Voltage Charging
System

DURABILITY

Designed to last 15Y+

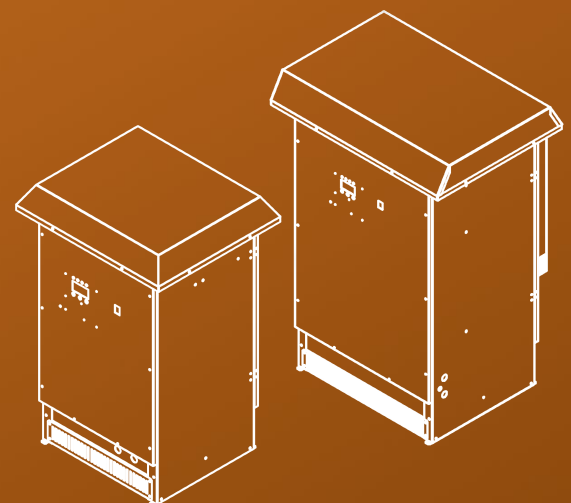
NEMA OUTDOOR

PRODUCT DESCRIPTION

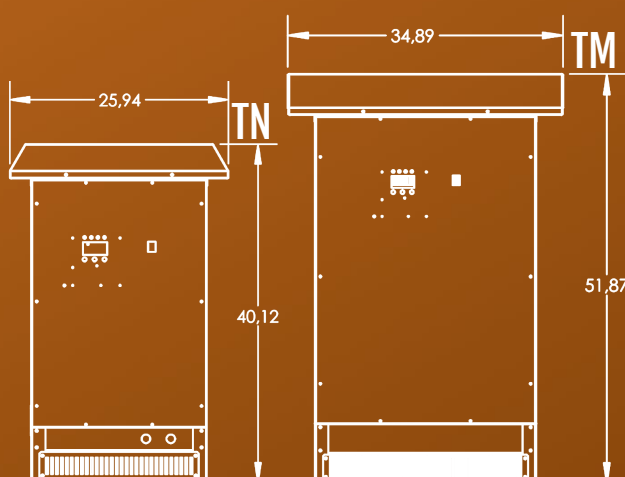
// The NEMA series stands at the top of Bassi Labs' charger lineup, trusted by forklift owners, service technicians, and rental operations for its exceptional reliability, adaptability, and long-term performance in demanding industrial environments.

// Engineered with cutting-edge IGBT high-frequency technology, the NEMA delivers a precise and consistent charge curve that ensures optimal battery performance, minimal energy waste, and a power factor close to 1—making it one of the most efficient chargers on the market.

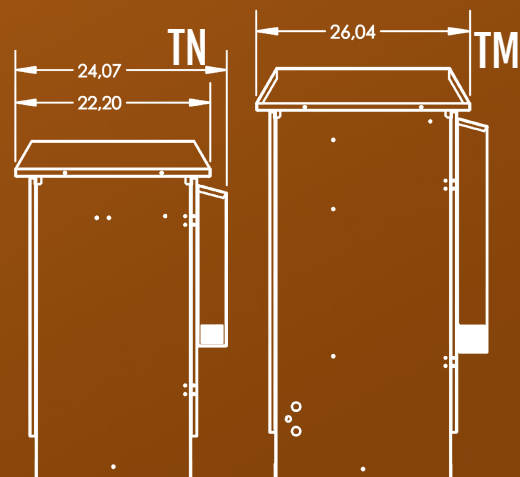
// High performance in a sealed IP54-rated enclosure, ensuring reliable operation in harsh or outdoor environments.



FRONT VIEW



SIDE VIEW



KEY FEATURES

POWER

Charge Connector/ Port	Customizable
Max Charging Current	600A
Avail Output Voltage	24V, 36V, 48V, 72V, 80V, 96V, 144V
Power Factor	98%
Avail Input Voltage	3x208/240/480/600Vac
Max Input Current	Varies per model

GENERAL CHARACTERISTICS

Alarm Output	1 x Integrated LED COMBO ; 1x Digital Display
Compatible Devices	Auto-watering ; Battery Module ; Fleet manager ; USB ; Heater Control

PHYSICAL SPECIFICATIONS

Casing Material	Steel Chassis
IP Rating	IP54
Dimensions (W x D x H)	TN : 25.94” x 24.07” x 40.12” TM : 34.89” x 28.18” x 51.87”
Casing Type	TN or TM
Weight	TN : 131-206kg TM : 319-394kg

PROTECTION

Protection control	OverCurrent, Overvoltage, Reverse Polarity, Battery Type verification, Over-Temperature,
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PHYSICAL INTERFACES (PORTS, LED, BUTTONS)

Status LEDs	1 x Integrated LED COMBO
Toggles	On/Off Emergency Switch ; Manual STOP
CAN Com	CANBUS ENABLED

IHF



TECHNOLOGY
(IGBT Frequency)

GEO



CONTROL
BOARD

64803



INPUT VOLTAGE/PHASE
64803 (600/480/3PH)
42403 (480/240/3PH)

48



OUTPUT
VOLTAGE

400



OUTPUT
CURRENT