

IHF

IGBT HIGH FREQUENCY



EFFICIENT

Ideal for all charging applications

RUGGED

5Y 100% Warranty, 10Y Power

PROGRAMMABLE

Modular equalize & CAN
Enabled Profiles

PROTECTION

Intelligent safety system

MULTI-VOLTAGE

Adaptive Voltage Charging
System

DURABILITY

Designed to last 15Y+

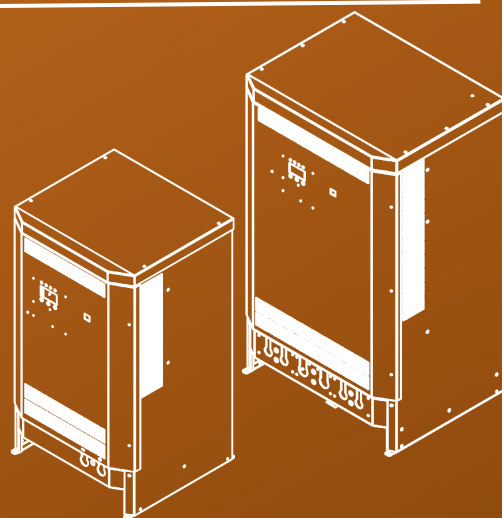
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PRODUCT DESCRIPTION

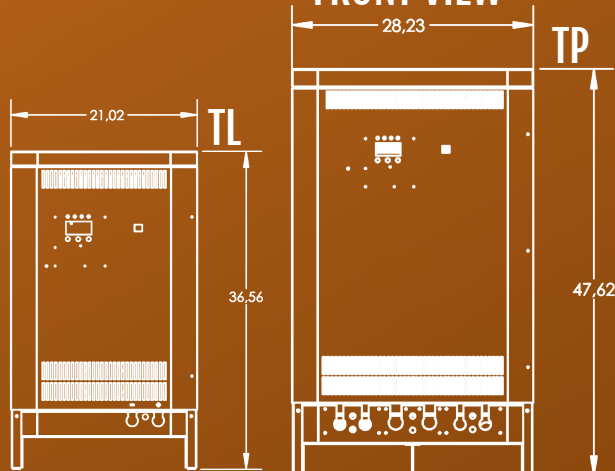
// The IHF series stands at the top of Bassi Labs' charger lineup, trusted by forklift owners, service technicians, and rental operations for its exceptional reliability, adaptability, and long-term performance in demanding industrial environments.

// Engineered with cutting-edge IGBT high-frequency technology, the IHF 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.

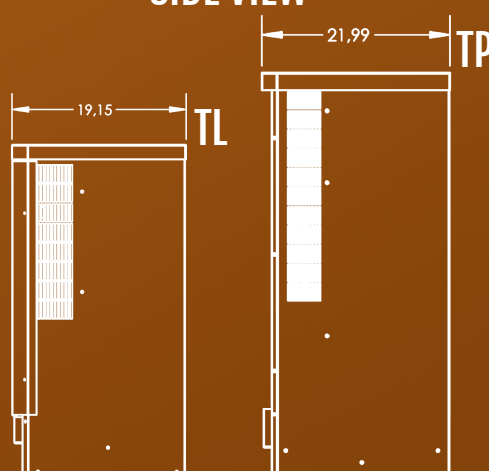
// Designed for both conventional and fast charge configurations, the IHF can be tailored to meet unique operational needs.



FRONT VIEW



SIDE VIEW



KEY FEATURES

POWER

Charge Connector/ Port	Customizable
Max Charging Current	600A
Avail Output Voltage	24V, 36V, 48V, 72V, 80V
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

PHYSICAL SPECIFICATIONS

Casing Material	Steel Chassis
IP Rating	IP21
Dimensions (W x D x H)	TL : 21.97” x 23.86” x 21.61” TP : 28.23” x 21.99” x 47.62”
Casing Type	TL or TP
Weight	TL : 105-165kg TP : 255-315kg

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
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TECHNOLOGY
(IGBT Frequency)

GEO
↓

CONTROL
BOARD

64803
↓

INPUT VOLTAGE/PHASE
64803 (600/480/3PH)
42401 (480/240/1PH)
42403 (480/240/3PH)
1201P (120/1PH)

48
↓

OUTPUT
VOLTAGE

400
↓

OUTPUT
CURRENT