

MHF

MULTI FREQUENCY CHARGER



EFFICIENT

Ideal for opportunity charging

RUGGED

5Y 100% Warranty, 10Y Power

PROGRAMMABLE

Modular equalize & start/stop window

PROTECTION

Intelligent safety system

SPACE-SAVING

Compact design

DURABILITY

Designed to last 15Y+

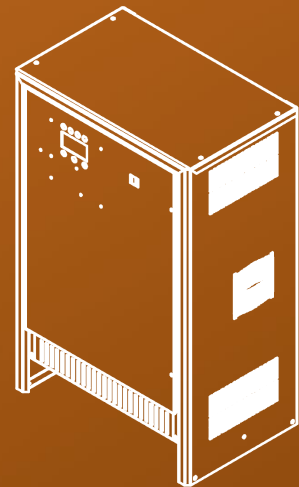
MULTI FREQUENCY DGO

PRODUCT DESCRIPTION

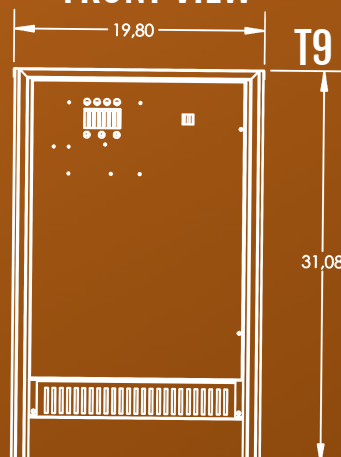
// MHF-DGO chargers are designed to deliver peak performance while consuming less energy, significantly reducing overall operating costs and lowering your facility's long-term energy footprint.

// Serves both conventional and opportunity charging scenarios, offering unmatched flexibility without sacrificing performance or efficiency.

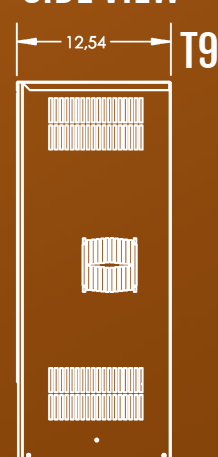
// Designed with practicality in mind, the MHF features a compact and lightweight form factor that fits easily into tight spaces. Its intuitive design ensures quick access for routine maintenance or service needs, reducing downtime.



FRONT VIEW



SIDE VIEW





KEY FEATURES

POWER

Charge Connector/ Port	Customizable
Max Charging Current	280A
Avail Output Voltage	24V, 36V, 48V, 72V, 80V
Power Factor	96%
Avail Input Voltage	1x240/480Vac ; 3x240/480/600Vac
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)	T9 : 19.80” x 12.54” x 31.08”
Casing Type	T9
Weight	T9 : 30-126kg

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
CAN Com	N/A

MHF



TECHNOLOGY
(Multi Frequency)

DGO



CONTROL
BOARD

64803



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

36



OUTPUT
VOLTAGE

140



OUTPUT
CURRENT