

## **MAVERICK™ HIGH FREQUENCY FLEX CHARGER**

The Maverick High Frequency Flex (all-in-one) Charger uses Insulated Gate Bipolar Transistor (IGBT) and returns more energy at a much lower cost than low frequency opportunity chargers. The Maverick High Frequency Flex Charger has the highest power factor and is the most efficient charger available, resulting in one of the lowest operating costs in the industry. The added charger profile choice make this charger the industries best fit for all different Material Handling environments.



**THE POWER OF EXCELLENCE**



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## Maverick™ High Frequency Flex Charger

The Maverick High Frequency Flex Charger™ with simple profile changes can adapt to changing production schedules and facility plans. Whether Fast, Conventional or Opportunity Charging is needed, the FLEX can do it all.

### Programmable in 3 profiles:

Fast Charging (4 Hours)

Opportunity Charging (6 Hours)

Conventional Charging (8 Hours)

### Features & Benefits

No battery modifications are required

Includes the TCC 2.0 Controller:

- Delayed start from 15 minutes to 4 hours in 15 minute intervals
- Equalize can be done manually, automatically with day/time setting, or every 5 cycles
- Automatic refresh charge every 24 hours
- Auto start with five second delay
- Programmable charge termination when battery voltage reaches the gassing point, to prevent excessive gassing
- Remote Control Interface for use when mounted above operator's reach
- Start rate of 18-40 amp per 100 amp hour, rate application dependent
- Cool down time displayed

Manual jump start for over-discharged batteries

Automatic shutdown for the following:

- 80% or final charge exceeds time limit
- Maximum battery temperature exceeded with optional sensor
- Volts per cell outside safe limits
- Charger internal temperature outside of specification
- Charging current too high or too low

Digital readout displays:

- Time remaining to 80% and Full Charge
- Charge current/voltage
- Equalize in process
- Fault codes
- Charge data 25 cycles (time, AH returned and voltage)
- Charger setup

LED charge status indicators:

- Gas Gauge
- Charging
- 80% Charged
- Charge Complete
- Equalize
- Fault Shutdown

### Optional Features

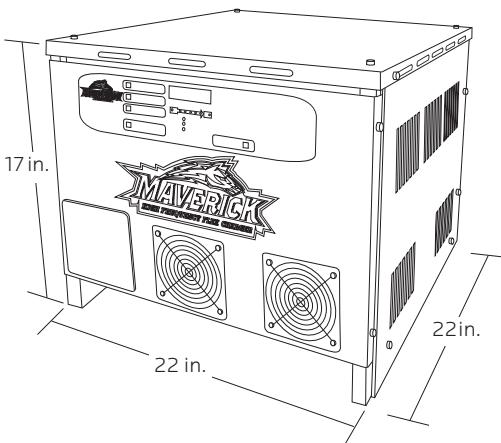
- Battery electrolyte temp. sensor
- Custom output cable lengths up to 20ft. max
- Wall Mount
- Weight: Approx. 150 lbs (depending on model size)
- Remote Control Box
- Temperature probe may be necessary for higher charge rates
- Stackable with no brackets required

### Product Safety

- UL Listed
- UL Listed to Canadian Safety Standards
- AC Specifications 480 VAC

### Warranty Details

See warranty certificate. CAUTION: disconnecting the battery from the charger during the charge cycle without manually stopping the charger can cause damage to both operator and equipment and void the warranty.



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