

## FEATURES

- **100% plus rated to recharge properly matched batteries in 8 hours or less**
- **Ideally suited for cold storage and other demanding applications**
- **Regulated tapering charge**
- **Automatic DV/DT-DI/DT charge termination**
- **Equalize capability**
- **Convenient AC voltage selection**
- **120 208 240 480 575 600 VAC models 50HZ and 60HZ 1 and 3 phase**



## INDUSTRIAL BATTERY CHARGER

### APPLICATION

- The MAC MAGNUM II series is the ideal choice for the most demanding jobs.
- Designed for years of trouble free service.
- The Magnum II will recharge properly matched 100% discharged battery in 8 hours.
- Features 20 Amp/100 Amp/hour start rate.

### RELIABILITY

- Proven ferroresonant technology that works in the most demanding environments.
- Conservative electrical design ensures years of trouble free operation.

### CONTROL

- Digital 3500 Control monitors charge cycle from start to finish and terminates automatically.
- Control design maximizes battery life and your investment.

### TECHNOLOGY

Ferroresonant technology that automatically adjusts output current in proportion to battery voltage. Your batteries receive the correct amount of charge for optimum performance and maximum battery life.

## 3500 Charge Control dv/dt



### Features

**dv/dt di/dt** monitors the charge cycle from start to finish and terminates automatically when battery is completely charged.

**Selectable delay start** provides for battery cool down and allows for cost effective off-peak charging.

**Digital display** shows charging current, amp-hours returned, cool down time, delay start time, equalize select, equalize in process.

**Fault Diagnostics** automatic shut down and fault displayed for high or low volts per cell, low current, back-up timers activated and output cable disconnected while charging.

**Automatic refresh** keeps battery topped off after a charge cycle.

**Adjustable 80% voltage** point, low battery override, electronic back-up timers, battery/charger mismatch protection.

### Model Range

AMP/HR	CELLS PHASE	6 1	6 3	12 1	12 3	18 1	18 3	24 1	24 3	36 3	40 3
0-150											
151-225											
226-325											
326-400											
401-450											
451-525											
526-650											
651-750											
751-825											
826-900											
901-1050											
1051-1200											
1201-1350											
1351-1750											

### Mechanical Configuration

CASE TYPE	A DIM	B DIM	C DIM	D DIM	E DIM	F DIM	G DIM
F CASE	14.156	22.563	14.234	12.625	12.000	5.125	13.000
G CASE	20.312	25.063	21.484	18.750	19.105	7.750	19.000
H CASE	27.156	25.062	24.236	25.625	21.790	9.625	20.000
J CASE	32.812	32.000	24.750	30.500	21.274	9.750	22.039

