

PATRIOT

**Automatic Charger
For Single Shift Service**

AUTOMATIC
BATTERY
CHARGERS



- **AUTOMATIC DV/DT CHARGE TERMINATION MAKES CHARGER AUTOMATIC**
- **EQUALIZE CAPABILITIES**
- **FERRORESONANT TRANSFORMER DESIGN**
- **DESIGNED FOR SINGLE-SHIFT LIGHT-DUTY**
- **BATTERY POWERED EQUIPMENT-MANLIFTS, TRANSPORTERS, SCRUBBER, SWEEPERS, WALKIE TRUCKS.**

FEATURES

dv/dt microprocessor control circuit

State of the art microprocessor monitors battery condition and automatically determines when to shut the charger off.

Auto start/stop

Starts automatically after connecting charger to the battery. Eliminates potential operator error. No timers to set. Charger automatically stops after battery receives proper charge.

Equalize Mode

Operator selected function extends normal charge time.

Fail-safe protection

Internal backup timer terminates charge cycle in the event abnormal conditions prevent normal charger shutdown.

AC Interrupt Protection

In the event of an AC power interruption the charger automatically restarts upon the resumption of AC power.

Charge Complete Status Light

Charger is off and battery is fully charged.

Charger On Status Light

Charger is energized and charging the battery.

Energy Savings

Significant reductions in the cost required to charge a battery are made possible by the microprocessor control circuit.

This is especially true with partially discharged batteries. Instead of running for a fixed period of time the automatic control terminates the charge cycle when the batteries are full.

PATRIOT

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THE PATRIOT LINE IS SIMPLE TO USE AND ECONOMICAL TO OPERATE.

Lower utility bills, reduced maintenance costs and longer battery life deliver superior value.

- Charger Equipped With Microprocessor Controller
- DVDT Charge Termination
- 5 Second Startup Delay

- Equalize
- Auto Start/Stop
- Indicator Lights
- Charger "On" Charger "Complete" "Equalize"
- Override Timer
- Standard A.C. & D.C. Cords

ORDERING INFORMATION

1. Specify model number
2. Specify AC Voltage
3. Specify DC Connector Option
4. Wheel and handle kit available at extra cost (OPTIONAL)

NUMBER OF CELLS	MAC MODEL NUMBER	D.C. AMPS	A.C. AMPS	INPUT AMPS	AMP HOUR RANGE	APPROX. SHIP WT. LBS.	KG.
6	PAC630	30	120	5.4	180-380	45	20
	PAC640	40	120	7.2	255-450	47	21
	PAC650	50	120	9.0	300-600	57	26
	PAC660	60	120	10.8	360-720	64	29
	PAC675	75	120	13.5	450-900	72	33
12	PAC1230	30	120	10.8	180-380	51	23
	PAC1240	40	120	14.4	255-450	64	29
	PAC1250	50	120	18.0	300-600	69	31
	PAC1260	60	208/240	12.5/10.8	360-720	83	38
18	PAC1830	30	120	16.2	180-380	69	31
	PAC1840	40	120	21.6	255-450	69	31
	PAC1850	50	208/240	15.6/13.5	300-600	95	43
	PAC1860	60	208/240	18.7/15.2	360-720	104	47
24	PAC2425	25	120	18.0	150-300	69	31
	PAC2440	40	240	14.4	255-450	95	43

ELECTRICAL

Input Volt 120 ± 10%
208 Volt ± 10%
240 Volt ± 10%
1 Phase 60 Hz

Input Power Cord
120 Volt 60 Hz
208, 240, Volt 60 Hz

Output Power
Cables with
Optional DC Connectors

MECHANICAL

Height	Width	Depth
18.875"	12.25"	13.50"
480.145 ^{mm}	311.64 ^{mm}	329.94 ^{mm}

