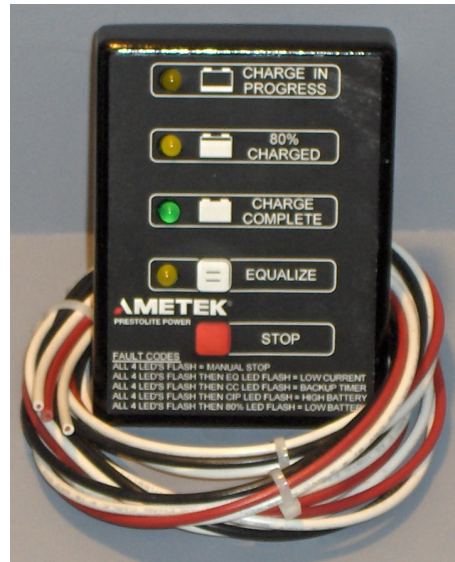


Aftermarket Control



Prestolite Aftermarket Control is used to control all types of ferroresonant battery chargers.

- 12-48 Volt chargers
- DV/DT charge termination
- Auto or Manual Equalization
- Selectable 80% point
- Delayed start of charge



Control Features

The Aftermarket Control is fully automatic and features four bright LEDs for easy identification of the charging status, and two manual push-buttons, "Equalize" and "Stop," to allow further management of the charging operation.

Status at a Glance

The bright LEDs provide at-a-glance charge status of charge in progress, 80% charge, charge complete and equalize.

Automatic Start/Stop

Simply connect the battery to the charger, after a preprogrammed five-second delay the charge cycle starts.

Delayed Start

The Aftermarket Control offers a delayed start of up to 7 hours to prevent needless opportunity charging of the battery.

Ferroresonant Technology

The Aftermarket Control is designed to be used on the tried and true Ferroresonant Technology.

Four wire design

The Aftermarket Control requires only four wires to be connected to the charger to operate.

Multiple voltage

The Aftermarket Control can be connected to any 12-48 volt ferroresonant battery charger so there is no need to stock multiple control part numbers.

Selectable 80% point

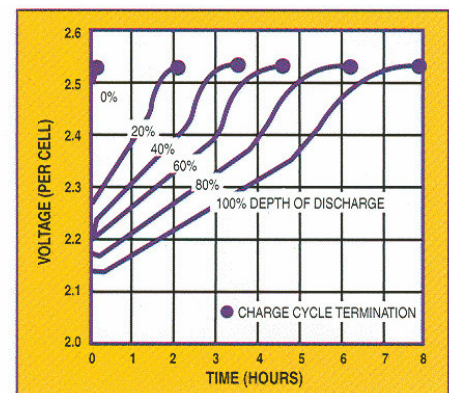
The Aftermarket Control may be set for an average 80% voltage point of 2.37 or 2.45 volts per cell, great for cold storage applications.

Equalize Charge

The Aftermarket Control automatically provides an equalize charge of three hours beyond a normal charge complete on every 5th cycle.

Warranty

The Aftermarket Control is warranted to the original purchaser for one year from date of shipment.



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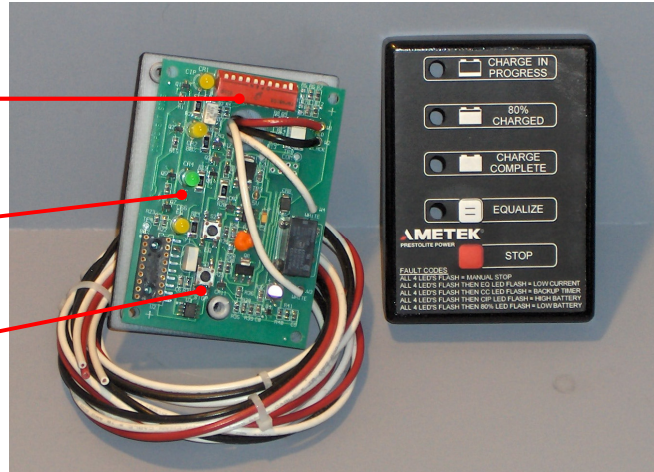
TECHNICAL DATA

Input voltage	24 to 250VAC	
Input current	5 A	
Nominal Battery Voltage	12, 24, 36 and 48 volt	
Status LED indication	yellow	Charge in Progress
	yellow	80% Charged
	green	Charge Complete
	yellow	Equalize Charge
Construction	polylac PA-765A	
Dimensions	2 7/8 x 3 21/32 x 3/4 inches	
Weight	0.35 lbs.	
Mounting	two holes (one for mounting and one for the wires)	
Ambient temperature range	-25°C...+40°C	

Battery cell/feature selector switches

LED Indicators

Stop and Equalize Buttons

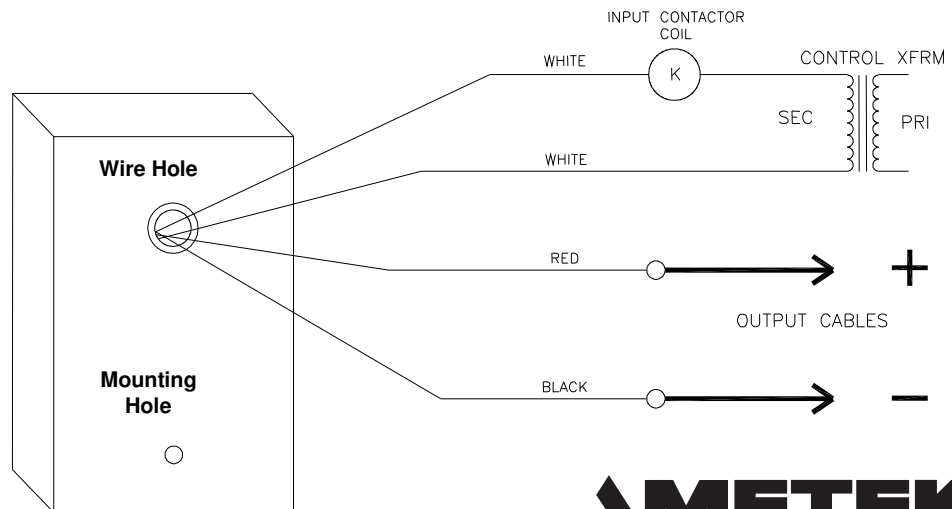


DIP Switch	Function	Open	Closed
S1-7 (AE)	Auto Equalize*	ON	OFF
S1-8 (TERM)	Termination Type	DV/DT	VT
S1-9 (80%)	80% Volt/Cell	2.37	2.45

* Equalize occurs every 5th cycle

Delayed Start			
Delayed Start	S1-10 (DS1)	S1-11 (DS2)	S1-12 (DS3)
0 Hr.	Open	Open	Open
1 Hr.	Closed	Open	Open
2Hr.	Open	Closed	Open
3Hr.	Closed	Closed	Open
4Hr.	Open	Open	Closed
5Hr.	Closed	Open	Closed
6Hr.	Open	Closed	Closed
7Hr.	Closed	Closed	Closed

Typical Installation Wiring Diagram



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