

AMETEK® GENERAL CHARGER GUIDE

PRESTOLITE POWER

With today's technological advances of both batteries and chargers there is an increasing choice of chargers available. To assist you in matching the best charger to a battery and application we have constructed the following application guide.

Color Codes:

High Frequency

SCR

Ferroresonant

Application Type	Charger Model	Start Rate	Multi Cell	Multi AH	CEC	Finish Rate	Comments
Fast Charge Applications <i>(25% - 40%)</i>	Eclipse II Extreme	25 - 50amps/100AH (HF)	X	X		5 amps/100AH	Offering charge rates up to four times that of the conventional charging, fast charging applications operate at every possible moment.
	Eclipse II Plus	25 - 40amps/100AH (HF)	X	X	X	5 amps/100AH	
	Ultra Maxx	25 - 40amps/100AH (SCR)	X	X		5 amps/100AH	
	Power Star Plus	25 - 40amps/100AH (SCR)	X	X		5 amps/100AH	
Opportunity Applications <i>(21% - 25%)</i>	Eclipse II Plus	16.3 - 25amps/100AH (HF)	X	X	X	5 amps/100AH	Opportunity charging applications charge batteries at higher charge rates whenever possible, ideal for extended shift operations.
	Ultra Maxx	16.3 - 25amps/100AH (SCR)	X	X		5 amps/100AH	
	Power Star Plus	16.3 - 25amps/100AH (SCR)	X	X		5 amps/100AH	
Conventional Applications <i>(10% - 20%)</i>	Eclipse II	16.3 amps/100AH (HF)	X	X	X	5 amps/100AH	Conventional charging applications require one complete charge cycle per day per battery.
	Ultra Charge	16.3 amps/100AH (SCR)		X		5 amps/100AH	
	PowerStar 100	16.3 amps/100AH (SCR)		X		5 amps/100AH	
	Accu-Charger	20 amps/100AH (FERRO)				5 amps/100AH	
	Battery-Mate 100	20 amps/100AH (FERRO)				5 amps/100AH	
	Battery-Mate 80	17 amps/100AH (FERRO)				5 amps/100AH	
	PowerStar 80	14.3 amps/100AH (SCR)				5 amps/100AH	
	Battery-Mate 60	13.3 amps/100AH (FERRO)				5 amps/100AH	
	LTD	10 amps/100AH (FERRO)				5 amps/100AH	