



General Charger Guide

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 (25% - 40%)	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 (21% - 25%)	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 (10% - 20%)	Eclipse II	16.3 amps/100AH (SCR)	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		