



# 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
<b>Fast Charge Applications</b> (25% - 40%)	<b>Eclipse II Extreme</b>	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.
	<b>Eclipse II Plus</b>	25 - 40amps/100AH (HF)	X	X	X	5 amps/100AH	
	<b>Ultra Maxx</b>	25 - 40amps/100AH (SCR)	X	X		5 amps/100AH	
	<b>Power Star Plus</b>	25 - 40amps/100AH (SCR)	X	X		5 amps/100AH	
<b>Opportunity Applications</b> (21% - 25%)	<b>Eclipse II Plus</b>	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.
	<b>Ultra Maxx</b>	16.3 - 25amps/100AH (SCR)	X	X		5 amps/100AH	
	<b>Power Star Plus</b>	16.3 - 25amps/100AH (SCR)	X	X		5 amps/100AH	
<b>Conventional Applications</b> (10% - 20%)	<b>Eclipse II</b>	16.3 amps/100AH (SCR)	X	X	X	5 amps/100AH	Conventional charging applications require one complete charge cycle per day per battery.
	<b>Ultra Charge</b>	16.3 amps/100AH (SCR)		X		5 amps/100AH	
	<b>PowerStar 100</b>	16.3 amps/100AH (SCR)		X		5 amps/100AH	
	<b>Accu-Charger</b>	20 amps/100AH (FERRO)				5 amps/100AH	
	<b>Battery-Mate 100</b>	20 amps/100AH (FERRO)				5 amps/100AH	
	<b>Battery-Mate 80</b>	17 amps/100AH (FERRO)				5 amps/100AH	
	<b>PowerStar 80</b>	14.3 amps/100AH (SCR)				5 amps/100AH	
	<b>Battery-Mate 60</b>	13.3 amps/100AH (FERRO)				5 amps/100AH	
<b>LTD</b>	10 amps/100AH (FERRO)				5 amps/100AH		