



FR-1

HIGH FREQUENCY SMART BATTERY CHARGER

FEATURES

MULTI-VOLTAGE

- 12V / 24V / 36V / 48V

AMPERAGE ADJUSTABLE

WIFI ENABLED + MOBILE APP

- Easily configure and upload charging settings
- Access historical charging data

INTUITIVE LED DISPLAY

- Easy access to real time charging data

SHORT CIRCUIT PROTECTION

DURABLE ABS CASE



www.fullriverbattery.com

*WIFI-DONGLE is sold separately; required to access mobile app features.

THE MOST VERSATILE CHARGER

The FR-1 can be configured based on the application and the battery brand being used. There are 13 different combinations of voltage and amperage at your disposal. With a battery range of 130 Ah to 350 Ah at a 20 hour rate, the FR-1 will fit your every need.

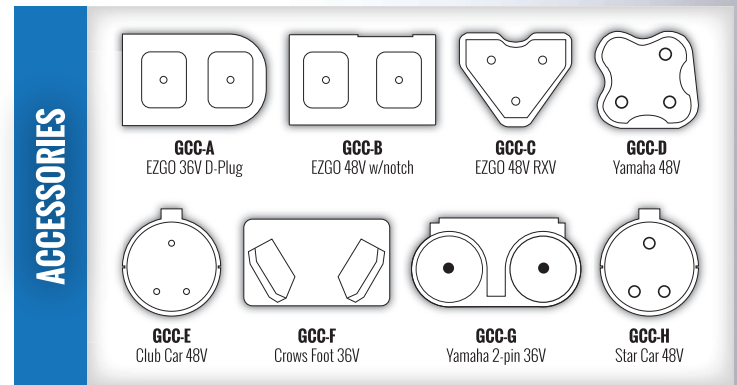
VOLTAGE	CURRENT	20 HOUR RATE	
		MIN	MAX
12 V	15 A	130 Ah	185 Ah
	20 A	150 Ah	240 Ah
	25 A	220 Ah	315 Ah
	30 A	245 Ah	350 Ah
24 V	15 A	130 Ah	185 Ah
	20 A	150 Ah	240 Ah
	25 A	220 Ah	315 Ah
	30 A	245 Ah	350 Ah
36 V	15 A	130 Ah	185 Ah
	20 A	150 Ah	240 Ah
	25 A	220 Ah	315 Ah
48 V	15 A	130 Ah	185 Ah
	20 A	150 Ah	240 Ah

NOTE: Capacity (Ah) ranges target an 8 to 12 hour recharge time. The FR-1 can be used on higher capacity battery systems: with the expectation of extended recharge times.

PART NUMBER	DESCRIPTION (AC cord included)
FR1-RT	FR-1 charger with 3/8" ring terminals
FR1-SB50	FR-1 charger with Anderson SB50
FR1-SB175	FR-1 charger with Anderson SB175
FR1-GCC-A	FR-1 charger with EZGO 36V D-plug
FR1-GCC-B	FR-1 charger with EZGO 48V NOTCH plug
FR1-GCC-C	FR-1 charger with EZGO 48V RXV plug
FR1-GCC-D	FR-1 charger with Yamaha 48V plug
FR1-GCC-E	FR-1 charger with Club Car 48V plug
FR1-GCC-F	FR-1 charger with Crows Foot 36V plug
FR1-GCC-G	FR-1 charger with Yamaha 2-pin 36V plug
FR1-GCC-H	FR-1 charger with Star Car 48V plug
WIFI-DONGLE	FR-1 Programming Accessory

FR-1 SPECS

	12 VDC	24 VDC	36 VDC	48 VDC	
DC OUTPUT	Max DC Wattage	441	882	1102	1176
	Max DC Amperage	30	30	25	20
	Max DC Voltage	17.4	34.8	52.2	69.6
	Min DC Voltage	2 Volts			
	Max Interlock Amperage	2 Amps (on inductive load)			
	Battery Type	Lead-acid (Wet, AGM, GEL), Lithium-ion			
	Reverse Polarity	Electronic Protection			
	Short Circuit	Electronic Current Limit			
AC INPUT	AC Input Voltage Range	Universal 100-230 VAC +/- 15%			
	AC Input Frequency	50 / 60 Hz			
	Max / Nominal AC Input Current	12 Amps			
	Nominal AC Power Factor	>.99 @ 115 VAC			
GENERAL	Dimensions	13.5" x 7.0" 3.9"			
	Weight	7 lbs / 3.2 kg			
	AC Input Connector	IEC 320 C14 (AC Cord included)			
	DC Output Connector	SB50 Standard or 3/8" Ring Terminal			
	Operating Temperature	14°F - 113°F (-10°C - 45°C)			
	Enclosure	Self-Extinguishing ABS			
	Efficiency	> 90% @ Full Load, CEC Compliance (pending)			



DESIGNED WITH FLEXIBILITY IN MIND

Your needs change. The FR-1 can change with you. Easily reconfigure the FR-1.

Search **Fullriver FR-1**. WIFI Dongle required.



Part Number
WIFI-DONGLE

Prior to configuration, mobile device must be connected to charger via WIFI. Please see APP USER GUIDE for help.