








Model No.	BFJ series	BFA series	BFM series	BFP series	BFS WR series	BSC WR series	BFD series
Features							
Image							
Input power	200~240V 50Hz	200~240V 50Hz	200~240V 50Hz	200~240V 50Hz	100~240V 50/60Hz Universal	100~240V 50/60Hz Universal	100~240V 50/60Hz Universal
Output current	6V or 12V@750mA	6V or 12V@1.25A	6V or 12V@1.25A	12V or 24V@5A/ 3A	12V@1.5A	12V@1.0A	12V@2A/6A/12A selectable
Power supply	Power from Linear transformer	Power from Linear Transformer	Power from Linear transformer	Power from SMPS technology transformer	Power from SMPS tech. transformer	Power from SMPS tech. transformer	Power from SMPS tech. transformer
Enclosure	Fire Retardant plastic housing	Powder coated Aluminum housing	Fire Retardant plastic housing	Powder coated aluminum housing	Fire Retardant plastic housing	Fire Retardant plastic housing	Fire Retardant plastic housing
Charging stages	3 stage: -Qualification -Constant voltage -Maintenance	4 stage: -Qualification -Constant current -constant voltage -Maintenance	4 stage: -Qualification -Constant current -constant voltage -Maintenance	4 stage: -Qualification -Constant current -constant voltage -Maintenance	4 stage: -Qualification -Constant current -constant voltage -Maintenance	3 stage: -Qualification -Constant current -Constant voltage Keep battery at 14.0V	4 stage: -Qualification -Constant current -constant voltage -Maintenance
Protection	-Spark proof -Reverse polarity -short circuit -overheat	-Spark proof -Reverse polarity -short circuit -overheat	-Spark proof -Reverse polarity -short circuit -overheat	-Spark proof -Reverse polarity -short circuit (For new version only)	-Spark proof -Reverse polarity -short circuit -overheat	-Spark proof -Reverse polarity -short circuit -overheat	-Spark proof -Reverse polarity -short circuit -overheat
Battery size recommended	2 – 20Ah	2 – 80Ah	2 – 80Ah	2-80Ah	2 – 80Ah	2 -80Ah	10 -200Ah

Special Features	Intelligent 3 stage charging program, good for prolonging battery's life span	Intelligent 4 stage charging program, good for prolonging battery's life span	- Intelligent 4 stage charging program, good for prolonging battery's life span - Wall mounted bracket available -	- Intelligent 4 stage charging program. - shock proof - Design for car chassis mounting.	-Intelligent 4stage charge program, good for prolonging battery's life span -Water proof housing - Wall mounted bracket available	- Efficient 3 stage charge program. - Water proof housing - Wall mounted bracket available	- LCD monitoring charge status -Heavy duty output cable and clips
Selling points	<ol style="list-style-type: none"> Efficiency charge method Virtual float mode Permanently battery connecting 	<ol style="list-style-type: none"> Efficiency charge method Virtual float mode Permanently battery connecting 	<ol style="list-style-type: none"> Efficient charging method. Virtual float mode Permanently battery connecting Other choice of BFA series 6 LEDs indicate charge status Low cost version of BFA series, plastic housing instead of aluminum. 	<ol style="list-style-type: none"> Efficient charging method. Virtual float mode Permanently battery connecting. Outdoor used. Anti-Vibration Light weight Automatic error checking. 	<ol style="list-style-type: none"> Efficient charge method. Virtual float mode. Permanently battery connecting Outdoor used Anti-vibration Light weight Slim size Eliminate the influence of metal cost fluctuation 	<ol style="list-style-type: none"> Efficient charging method. Capable to maintain a big battery 3 LEDs indicate charge status Outdoor used Anti-Vibration Light weight Slim size Eliminate the influence of metal cost fluctuation 	<ol style="list-style-type: none"> LCD voltage meter built-in Virtual float mode Permanently battery connecting Light weight Slim size Eliminate the influence of metal cost fluctuation
Applications	<ol style="list-style-type: none"> Ideal for charging Motorcycle battery Capable of maintaining the battery in bigger size (100Ah or above) Keep maintaining the battery for very long time 	<ol style="list-style-type: none"> Ideal for charging motorcycle and small vehicle battery. Capable of maintaining a battery in bigger size (100Ah or above) 	<ol style="list-style-type: none"> Same features and performance as BFA series. Provide the 2nd option of BFA series in new shape 	<ol style="list-style-type: none"> Application for electric car. Ideal design for Electric wheel chair 	<ol style="list-style-type: none"> Provide a New , light weight and water proof series of battery chargers Application for boat battery and outdoor used battery. 	<ol style="list-style-type: none"> Low cost version of Water proof battery chargers. Application for boat battery and outdoor used battery. 	<ol style="list-style-type: none"> Good for batteries from motorcycles to trucks.

Charging program

1. Qualification	Ensure the battery is over 3.0V prior to charge	Ensure the battery is over 3.0V prior to charge	Ensure the battery is over 3.0V prior to charge	Ensure the battery is over 3.0V prior to charge	Ensure the battery is over 3.0V prior to charge	Ensure the battery is over 3.0V prior to charge	Ensure the battery is over 3.0V prior to charge
2. Constant current charge	- NIL -	Started at the beginning of charge	Started at the beginning of charge	Started at the beginning of charge	Started at the beginning of charge	Started at the beginning of charge	Started at the beginning of charge
3. Constant Voltage Charge	Started at the beginning of charge	Switchover to C.V when battery is about 80% full	Switchover to C.V when battery is about 80% full	Switchover to C.V when battery is about 80% full	Switchover to C.V when battery is about 80% full	Switchover to C.V when battery is about 80% full	Switchover to C.V when battery is about 80% full
4. Automatically stop charge	When battery is reached 14.4V +/- 0.2V	When battery is reached 14.4V +/-0.2V	When battery is reached 14.4V +/- 0.2V	When battery is reached 14.4V +/-0.2V	0 Amp output when battery is reached 14.4V	When battery is reached 14.4V +/-0.2V	When battery is reached 14.4V +/- 0.2V
5. Float Mode	The battery is maintained at 13.2V +/-0.3V	The battery is maintained at 13.2V +/-0.3V	The battery is maintained at 13.2V +/-0.3V	The battery is maintained at 13.2V +/-0.3V	Battery is maintained at 13.2V +/- 0.3V	Battery will keep in between 14.0V and 14.2V	The battery is maintained at 13.2V +/-0.3V