



BCF...

Switching battery chargers

- Switching technology
- Automatic reset at end of alarm conditions
- Charging cycle in accordance with DIN 41773 standards

type	output voltage	output current	max. power consumption		description	dimensions (mm)		
			VA	W		(H)	(W)	(D)

BCF series Modular automatic switching battery chargers

- Alarm output relay (3A 250 VAC) AC1 duty
- Modular DIN rail mounting (*aligns with standard MCB's*) or chassis mount
- Wide auxiliary supply range 100 - 240 VAC ($\pm 10\%$) 50/60Hz
- Protection:
 - Mains input fuse (*non replaceable*)
 - Battery output fuse
 - Electronic lock in case of short circuit on battery terminals, reverse battery polarity and output overload
- LED indication of:
 - Correct output voltage
 - Reverse battery polarity

BCF025012	12V	2.5A	80	40	auto battery charger	96	90	56
BCF045012	12V	4.5A	150	70	auto battery charger	96	90	56
BCF012524	24V	1.25A	80	39	auto battery charger	96	90	56
BCF025024	24V	2.5A	150	77	auto battery charger	96	90	56

BCG series Rail mount switching battery chargers

- High efficiency
- Alarm output relay (5A 30 VDC duty)
- Wide auxiliary supply range 110 - 240 VAC ($\pm 10\%$) 50/60Hz
- DIN rail or chassis mounting (*can be mounted vertically with adaptor*)
- Boost signal controlled by external contact
- Hiccup function for battery recharging when its voltage is lower than 50% rated value
- Maximum charging current limiting trimmer 20 - 100% (*adjustable from front*)
- Protection:
 - Mains input fuse
 - Electronic lock in case of short circuit on battery terminals, reverse battery polarity and output overload
- LED indication of:
 - Power ON
 - Charging operation $I > 30\% I_c$
 - Overload or short circuit condition
 - Reverse battery polarity

BCG0612	12V	6A	230	97	auto battery charger	150	162	63
BCG1212	12V	12A	284	290	auto battery charger	150	213	63
BCG0524	24V	5A	364	158	auto battery charger	150	162	63
BCG1024	24V	10A	630	311	auto battery charger	150	213	63

Accessories for above BCG battery chargers

BCGX00 vertical side mount adaptor (*for space saving*) for **BCG0612** and **BCG0524**

BCE series Linear battery chargers

- Linear technology
- Auxiliary supply voltage: 220 - 240 VAC ($\pm 10\%$) 50/60Hz
- Charging current: 30 - 100% I_c (*adjustable*)
- Protection:
 - Mains input fuse (*except BCE2V524 and BCE0312*)
 - Battery output fuse
 - Electronic lock in case of short circuit on battery terminals, reverse Battery polarity output overload ($< 0.5 U_e$) and disconnected battery
- LED indication of:
 - Power ON
 - Charge ($I > 0.2 I_c$)
 - Alarm for protection tripping
- Alarm output: Static NPN transistor BCE2V5 and BCE03 - others relay (5A 250 VAC)

BCE0312	12V	3	117	-	auto battery charger	93	134	100
BCE0612	12V	6	222	-	auto battery charger	130	192	140
BCE1212	12V	12	400	-	auto battery charger	230	192	140
BCE2V524	24V	2.5	166	-	auto battery charger	93	134	100
BCE0524	24V	5	317	-	auto battery charger	130	192	140
BCE1024	24V	10	610	-	auto battery charger	230	192	140



BCG ...



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