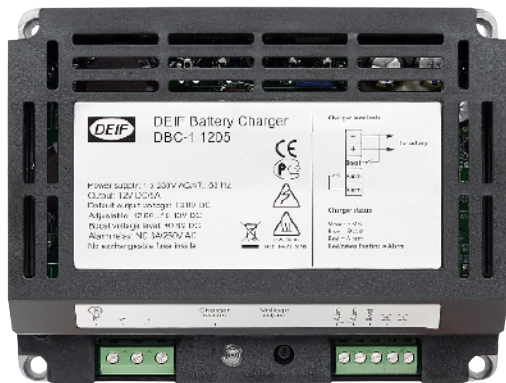


Battery Charger, DBC-1

Durable, highly efficient & compact



Tested and certified as a first grade quality unit with a robust aluminium housing and black plastic cover, the DBC-1 has a long and reliable product life and withstands years of everyday wear and tear. The DBC-1 is available with 12 V or 24 V voltage and 5 or 10 A current output.

Using switch mode technology to reduce energy waste, the unit is also vibration-resistant and features dry contact alarm relay activation in cases of fault detection, as well as boost/equalisation for extended battery lifetime, and advanced over-voltage (transient) protection.

DBC-1 features

- ▶ Automatic and electronic protection features
- ▶ Automatic restart after fault condition
- ▶ Alarm relay
- ▶ Automatic output power derating for high ambient temperatures
- ▶ LED indication of faults, boost charging and normal operation
- ▶ Boost mode
- ▶ Adjustable output voltage
- ▶ No moving parts – no maintenance

DBC-1 type approval



www.deif.com

	DEIF Battery Charger, DBC-1 1205 	DEIF Battery Charger, DBC-1 1210 	DEIF Battery Charger, DBC-1 2405 
Main function:	The DBC-1 is a charger for lead acid and gel batteries.	The DBC-1 is a charger for lead acid and gel batteries.	The DBC-1 is a charger for lead acid and gel batteries.
Input voltage:	1 × 230V AC ±15% 47...63 Hz	1 × 230V AC ±15% 47...63 Hz	1 × 230V AC ±15% 47...63 Hz
Output voltage:	13.8V DC (adjustable 12.6...15.1V DC)	13.8V DC (adjustable 12.6...15.1V DC)	27.6V DC (adjustable 25.2...30.2V DC)
Output current:	5 A (maximum 6 A)	10 A (maximum 12 A)	5 A (maximum 6 A)
Protection:	IP 20	IP 20	IP 20
Size:	150 × 116 × 79 mm	150 × 116 × 79 mm	150 × 116 × 79 mm
Weight:	Approx. 0.68 kg (1.5 lbs)	Approx. 0.74 kg (1.6 lbs)	Approx. 0.74 kg (1.6 lbs)

	DEIF Battery Charger, DBC-1 2410 	Battery Charger, DCP2-2420 	Battery Charger, DCP2-2440 
Main function:	The DBC-1 is a charger for lead acid and gel batteries.	The DCP2 can be applied as battery charger or as a universal DC voltage supply.	The DCP2 can be applied as battery charger or as a universal DC voltage supply.
Input voltage:	1 × 230V AC ±15% 47...63 Hz	1 × 230/3 × 400V AC ±15% 47...63 Hz	3 × 400/480V AC ±15% 47...63 Hz
Output voltage:	27.6V DC (adjustable 25.2...30.2V DC)	24V DC (adjustable 23.5...27.5V DC)	24V DC (adjustable 23.5...27.5V DC)
Output current:	10 A (maximum 12 A)	20 A (typical current limit 25 A)	40 A (typical current limit 45 A)
Protection:	IP 20	IP20	IP20
Size	189 × 120 × 79 mm	240 × 153 × 86 mm	292 × 185 × 130 mm
Weight:	0.85 kg (1.87 lbs)	Approx. 1.9 kg	Approx. 3.6 kg