



MBC Battery chargers, switch-mode, 3-STEP

Type	MBC 12-08/2	MBC 12-12/2	MBC 12-25/3	MBC 12-30/3	MBC 12-40/3	MBC 12-60/3
Battery voltage (Vdc)	12	12	12	12	12	12
Input voltage (Vac)	115-230	115-230	115-230	83-280	83-280	83-280
Charge absorption volt. (Vdc)	14.1 (14.4*)	14.1 (14.4*)	14.1 (14.4*)	14.1 (14.4*)	14.1 (14.4*)	14.1 (14.4*)
Charge float voltage (Vdc)	13.5 (13.8*)	13.5 (13.8*)	13.5 (13.8*)	13.5 (13.8*)	13.5 (13.8*)	13.5 (13.8*)
Output (Amp.)	8	12	25	30	40	60
Cooling	Natural	Fan	Fan	Fan	Fan	Fan
Outputs	2	2	3	3	3	3
Frequency	45-66 Hz	45-66 Hz	45-66 Hz	45-66 Hz	45-66 Hz	45-66 Hz
PFC				✓	✓	✓
Ambient temp. range	-20 to +70°C	-20 to +70°C	-20 to +70°C	-20 to +70°C	-20 to +70°C	-20 to +70°C
Dimensions lxxh (mm)	155x205x75	155x205x75	155x268x75	272x334x127	272x334x127	272x412x127
Weight (kg)	1.3	1.4	2.3	4.2	4.2	5.4
EMC class	EN 55022/B					
Warranty	2 years					

* GEL batteries



MBC 12-25/3

Type	MBC 12-80/3	MBC 24-12/2	MBC 24-30/3	MBC 24-60/3	MBC 24-80/3
Battery voltage (Vdc)	12	24	24	24	24
Input voltage (Vac)	83-280	115-230	83-280	150-280	150-280
Charge voltage (boost) (Vdc) *	14.1 (14.4*)	28.2 (28.8*)	28.2 (28.8*)	28.2 (28.8*)	28.2 (28.8*)
Charge voltage (float) (Vdc) *	13.5 (13.8*)	27.0 (27.6*)	27.0 (27.6*)	27.0 (27.6*)	27.0 (27.6*)
Output (Amp.)	80	12	30	60	80
Cooling	Fan	Fan	Fan	Fan	Fan
Outputs	3	2	3	3	3
Frequency	45-66 Hz	45-66 Hz	45-66 Hz	45-66 Hz	45-66 Hz
PFC	✓		✓	✓	✓
Ambient temp. range	-20 to +70°C	-20 to +70°C	-20 to +70°C	-20 to +70°C	-20 to +70°C
Dimensions lxxh (mm)	272x495x127	155x268x75	272x412x127	272x495x127	272x495x127
Weight (kg)	7.1	2.3	5.4	7.1	7.1
EMC class	EN 55022/B				
Warranty	2 years				

* GEL batteries



MBC 12-60/3