

Charger DCPM300

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Basic technical information

Types of charged/discharged cells	NiCd/NiMH 1 ... 30 cells, Pb, Li-Ion, Li-Pol
Power supply	Pb 12V accumulator, min. 40Ah, (car or traction)
Power supply voltage	11 ... 15 V
Min. power supply voltage (load)	10.8V
Min. power supply voltage (no load)	10.5V
Protection	output - short circuit, polarity input - polarity overheating

Charging

Output voltage	1V ... 49V
Output current	<0.1A ... 10A
Max. charge power	cca 300W @ power supply voltage 12V
Automatic mode	for NiMH, NiCd cells
Manual mode	for NiMH, NiCd, Pb, Li-Ion, Li-Pol cells

Discharging

When discharging is in progress, energy is retransferred to the source battery.

Voltage of discharged accu	1 ... 49V
Discharge current	0.3 ... 10A depending on type and capacity of source battery
Max. discharge power	cca 150W
Automatic mode	for NiMH, NiCd cells
Manual mode	for NiMH, NiCd, Pb, Li-Ion, Li-Pol cells

Cycle Mode

Number of cycles discharge/charge	1 ... 9
Time between discharge and charge resp. charge and discharge	1 ... 60min

Others

Number of user defined settings	10
Display	LCD 2 x 16 characters, backlight viewing area 95 x 20mm
Data output	serial line RS232 (software is not included)
Weight	cca 1300g
Dimensions	130x160x70mm
Operational environment temperature	-5 ... +50°C