NM1302 - Mobile charger

Type designation: **NM1302**

NSN: **6130160048121**

PN (RN): **7028.100.01**

NM1302 charger is designed to charge BP1301 (NiCd), LP1302 (LiIon) and LP20 (LiIon) battery packs in vehicles providing 12 V or 27 V board mains.

Description

Attach the charger to the vehicle with four M5 screws. Connect to the vehicle mains through the power cable (1050.113.01). Slide the battery packs to be charged to the charger from the top - minimum clearance of 130 mm must be kept above the charger for this reason. LP1302 battery packs can be charged to half capacity before long term storing using this charger.

Technical parameters

DC power supply voltage	from on-board mains 12 V, 27 V
Power supply voltage range	10 V to 33 V
Current consumption	max. 5 A
Quick charging BP1301	
Charging current	0.14 A to 1.4 A – processor controlled
Battery pack temperature range for quick charging to start	+10 ºC to +40 ºC
Charging time	78 minutes
Termination of quick charging	due to voltage drop by 1 %, after 78 minutes, due to temperature rise above 43 ºC
Standard charging BP1301	
Charging current	140 mA
Battery pack temperatures for standard charging initiation	0 ºC to +43 ºC

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Standard charging terminates	after 15 hours
LP1302, LP20 battery pack charging	
Charging current	max. 1.6 A
Battery pack temperature range for charging initiation	0 ºC to +43 ºC
Charging time	5 hours
Charger operating temperature range	–30 ºC to +50 ºC
Dimensions	W 212 mm x H 92 mm x D 100 mm
Weight	1.3 kg

Documentation

NM1302 operating instructions	7028.010.02

Set

Type designation	PN (RN)	Name
NM1302	7028.000.02	Mobile charger set

Battery packs

Type designation	PN (RN)	Name
LP1302	7029.100.02	Battery pack
LP20	7029.100.11, 7029.100.13	Battery pack

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