



H = Height, W = Width, D = Depth



MobilityCharger 5051

DEFA MobilityCharger is a 24V charger based on modern switch-mode technology and galvanised divisions. These chargers represent the latest technology within battery charging, which will give the battery optimum life.

The charger got a 230VAC schuko power connecting cable and it is available with and without a charge plug.

DEFA AS is conforming to the requirements of both ISO 9001-2008, ISO 14001:2004 and OHSAS 18001:2007. In addition to this, our engine heaters and cables are conforming to the requirements of ISO/TS 16949:2002.

Technical specifications

Input voltage [VAC, Hz]	180-250, 46-64
Nominal input voltage [VAC, Hz]	230, 50
Charging current [A]	10
Input current, max [Arms]	2,0
Operating temperature [°C]	-25/+40
Charging voltage* S1 Max [VDC]	28,8 - 31
Maintenance charging S4. Max [VDC]	26,6
Battery size, max [Ah]	10 - 110
IP rating [IP] 701239/701240	54
H/W/D [mm]	235x175x65
Weight [kg]	1,5
Certifications	93/42/EØF IEC 60601-1 IEC 60601-1-2 IEC 12184 IEC 529 NS-EN-ISO 14971 ISO 7176

* Temperature-compensated approx 5,0 mV/°C/cell. Ref. 25°C.

Item number

701239 (With charge plug)
701240 (Without charge plug)

Single pack only.

Installation

Equipment damage and possible injuries may result from an incomplete understanding of the installation and operation of the charger. If you are unfamiliar with electrical systems: consult us, a dealer or a licensed electrician. Read the mounting and user guide carefully.

Maintenance

The charger is maintenance free.

www.defa.com

Use

The charger can be used to charge valve adjustment recombination batteries, 24V systems (12 cell), AGM/gel batteries and lead/acid batteries. The charge plug is adapted to be used with wheelchairs and the charger is overheat protected. Start input voltage is minimum 1,4 V7Cell in a 24V system.

Charging steps

- | | | |
|-----|----------------|---|
| S1: | Yellow - | Main charging (3-300 min.). |
| S2: | Yellow - | Main charging (3-300 min.). |
| S3: | Green - | Absorption: more than 80% charged (2-360 min.). |
| S4: | Green flash - | Maintenance charging. |
| S5: | Red - | Error. |
| S6: | Orange flash - | Battery is not connected. |