



H = Height, W = Width, D = Depth



## MobilityCharger 2x7

DEFA MobilityCharger 2x7 is a 12V charger based on modern switchmode technology and galvanised divisions. The charger got two separate charge channels. Each channel are 12V -7A.

DEFA MobilityCharger 2x7 are available in two versions. A DEFA PlugIn version to be used together with armoured 230V DEFA PlugIn connecting- and extension cables, and a standard version using 230VAC schuko power connecting cable.

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]               | 2x7                                                                                                     |
| Input current, max [Arms]          | 0,85                                                                                                    |
| Operating temperature [°C]         | -25/+40                                                                                                 |
| Charging voltage* S1 Max [VDC]     | 14,4                                                                                                    |
| Maintenance charging S4. Max [VDC] | 13,5                                                                                                    |
| Battery size, max [Ah]             | 2x200                                                                                                   |
| IP rating [IP] 701457/701458       | 44/67                                                                                                   |
| H/W/D [mm]                         | 155x183x42                                                                                              |
| Weight [kg]                        | 2,6                                                                                                     |
| Certifications                     | 93/42/EØF<br>IEC 60601-1-2<br>IEC 12184<br>IEC 529<br>NS-EN-ISO 14971<br>ISO 7176<br>SAFETY IEC 60601-1 |

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

### Item number

701457 (With PlugIn)  
701458 (With Schuko)

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. Clean the charger using a slightly moist cloth.

### Use

MobilityCharger 2x7 can be used in both 12V and 24V power systems. The charging voltage is temperature compensated with external sensor. The charger can stand parallel current load up to 10A from another user at the same time as it charge the battery and the charger can be used to charge 2x12C(2x7A) and 1x12V(14A).

### 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.

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