



---

# WorkshopCharger 90-125A

Item number: 710000

# WorkshopCharger 90-125A

## Powerful charger for workshops

DEFA WorkshopCharger 90-125A is based on modern switch-mode technology and maintains and promotes optimal battery performance and durability. It is well suited to battery sizes up to approx. 600Ah and can maintain the battery charge for an unlimited time.

### Installation

Equipment damage and possible injuries may result from an incomplete understanding of the installation and use 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. The charger can be either be permanently fastened to a surface, or hung on the included wall bracket.

### Use

DEFA WorkshopCharger is compatible with all types of automotive batteries, including WET, AGM, EFB, GEL and lithium-ion. With its capability to provide continuous output power up to 125A with 230V input or 90A with 120V, this charger is perfect for all ECU programming and diagnostic jobs.

The charger has an Expert mode where the top charge voltage and the float charge voltage can be set by the user. For this function to be activated a code has to be entered.



Note: Only use with Li-Ion batteries that include an integrated battery management system (BMS).

### Maintenance

Check air filter regularly, and clean when needed. Keep all connectors free from moisture and dirt.



# Specifications

|   |  |
|---|--|
| Item number                                       | 710000   |
| Input voltage                                     | 100-240 VAC (@ 50-60Hz)  |
| Operating temperature<br>[°C] or [°F]             | -15/+40 or 5/+104  |
| Output voltage range                              | 2 - 32 VAC (Temperature-compensated approx 5.0 mV/°C/cell. Ref. 25°C.)   |
| AC Power cord [m/ft]                              | 2.5/8.2m   |
| DC Power leads [m/ft]                             | 5.0/16.4m  |
| Max continuous output<br>current [A] @ 120V input | 90@14.4V, 45@28.8V   |
| Max continuous output<br>current [A] @ 230V input | 125@14.4V, 60@28.8V  |
| IP rating   | IP20   |
| H/W/D [mm]  | 373x206x104  |
|   |   |
| Weight [kg/Lbs]                                   | 7.2/15.9   |
| Certifications                                    | DEFA AS is conforming to the requirements of both SO 9001, ISO 14001 and ISO 45001. In addition to this, our engine heaters and cables are conforming to the requirements of IATF 16949. |

710000 E00 19032024 HG