



L

H

W

H = Height, W = Width, L = Length



## Handy 70

DEFA Handy is a 'primary switch' charger with process control, included in a series of professional chargers from DEFA. This charger represents the latest technology within battery charging which will give the battery optimum life.

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

Mains voltage [VAC, Hz]	207-253, 50/60
Current [A rms]	0,9
Inverse current [mA]	< 2
Charging voltage [VDC]	13,7 / 14,4 / 14,7
Charging voltage Maintenance [VDC]	13,3 / 13,7
Charging current [A]	< 7
Ripple Max [mV rms]	70
Ambient temperature [°C]	-40 to +50
Cooling	air
Type of charging	Three step IUoU Pulse
Type of batteries	Alle typer bly/syre, AGM and GEL, open and closed.
Battery capacity [Ah]	4,0 to 240
Dimensions L/W/H [mm]	230x50x50
IP rating [IP]	54
Certifications	72/23/EEC, EN60335-1 EN60355-2-29

### Item number

700121 (Single pack)

700122 (6 -pack incl. display)

### Use

Read the user guide carefully before use.

**Normal battery (Yellow)**  
20 -240Ah 14,4V <7,0A

**Cold battery (Yellow)**  
20 -240Ah 14,7V <7,0A

**Small batteries (Yellow)**  
4,0-25Ah 14,4V <3,5A

**Power supply (Green)**  
Fast 13,7V <5,5A

**Control Button**  
Choice of functions



**Lamp/Safety mode**  
No voltage on charging clips.

**Fully Charged (Green)**  
Maintenance.

**Final Charging phase (Yellow)**

**Max Charging (Yellow)**  
Charging in progress.

**Fault (Red)**  
Reversed battery/  
Battery not connected.

**Max time expired if both lights remain ON.**  
Not fully charged.

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