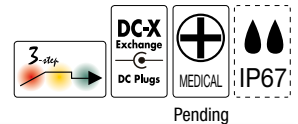


## Charger for Lead Acid batteries

- 3-step charge control with current detection as charge termination
- 3-colored LED indicator
- 2-pin IEC 320 connector. 3-pin or fixed mains cord on request
- Mains cord not included
- Waterproof (IP67) version available
- Temp. compenated charge voltage is available, model 3140
- Custom specifications on request
- Approvals:
  - Medical Certificate EN 60601 3ed pending
  - For updates: see [www.mascot.no](http://www.mascot.no)
- 3-trinns ladekontroll med strømdeleksjon som ladestopp
- 3-farget lysdiodeindikator
- 2-pins IEC 320 nettkontakt. 3-pins el. fast nettleiding på forespørsel.
- Nettledning ikke inkludert
- Vanntett (IP67) versjon kan leveres
- Temperaturkomp. Ladespenning tilgjengelig som mod. 3140
- Tilpasninger leveres på forespørsel
- Godkjenninger:
  - Medisinsk std EN 60601 3 utg. påventes
  - For oppdat.: se [www.mascot.no](http://www.mascot.no)



### Technical Specifications

### Tekniske data

Input voltage:	Inngangsspenning	198-264 VAC
Line Frequency:	Frekvensområde	47 – 63Hz
Switch frequency. approx.:	Svitsjefrekvens ca.	65kHz
Leakage current from battery with mains switched off:	Strømtrekk fra batteri ved frakoblet nett:	<0.6mA (6V, 12V) <1.0mA (24V, 36V, 48V)
Temperature range	Temperaturområde	
• operating:	• drift	-25 °C - +40 °C
• storage:	• lagring	-25 °C - +85 °C
Ripple	Rippel	< 100 mV p-p
Protection:	Sikring	Protected against reversed polarity and short circuit proof / Polvendings- og kortslutningssikker
		II (I available on request)
Insulation class:	Isolasjonsklasse	
Insulation voltage:	Isolasjonsspenning	
Primary – secondary:	Primær - sekundær:	4000VAC / 5700VDC
Electrical safety:	Elektrisk sikkerhet	EN 60601-1. EN 60335-2-29
EMC standards	EMC standarder	
• Medical:	• Medisinsk	EN 60601-1-2
• Emission:	• Emisjon	EN 61000-6-3
• Immunity:	• Immunitet	EN 61000-6-1
Input terminal:	Inngangsterminal:	2-pin IEC 320 connector 3-pin IEC 320 connector or fixed mains cord available on request
Output terminals:	Utgangsterminaler:	Battery clips / Push on terminals or DC connector
IP-code:	IP-Grad:	41 (IP67 on request)
Dimensions (LxWxH)	Mål (LxBxH)	135 x 80 x 44mm
Weight	Vekt	540g (1040 g IP67 version)

## Versions - Versjoner

				Charge control - Ladekontroll				
				Step 1 (orange)	Step 2a (orange)	Step 2b (yellow / gul)	Step 3 (green / grønn)	
Rec. batt. capacity	Max output power (W)	Efficiency (100% at 230V)	Charge Current	Charge Voltage	To yellow when current is<:	To float charge when current is<:	Float charge voltage	
Anbef. batt. kapasitet	Max utg. effekt	Virkningsgrad	Ladestrøm	Ladespenning	Til Gul når strøm er<:	Til vedlikehold når strøm er<:	Vedlikeholds spenning	
6V	42.5-80 Ah	62W	>86%	8.5A +0.1/-0.4A	7.35V ±0.05V	4.25A ±0.2A	1.6A ±0.2A	6.85V±0.05V
12 V	35-80 Ah	103W	>89%	7.0A +0.1/-0.4A	14.7V ±0.15V	3.5A ±0.2A	1.6A ±0.2A	13.7V±0.15V
24 V	17.5-40 Ah	103W	>89%	3.5A +0/-0.3A	29.4V ±0.2V	1.7A ±0.2A	0.8A ±0.2A	27.4V±0.3V
36 V	11.5-25 Ah	102W	>89%	2.3A +0.-0.3A	44.1V ±0.2V	1.1A ±0.2A	0.5A ±0.2A	41.1V±0.3V
48V	8.5-20 Ah	100W	>89%	1.7A +0.-0.3A	58.8V ±0.3V	0.9A ±0.2A	0.4A ±0.1A	54.8V±0.3V