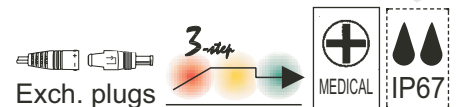


Mascot 2040 LI Series

Max 4,0A Chargers for Li-Ion Batteries - Medical

CoolPower
Solutions

- 3-trinns ladekontroll med timer
- Switch mode lader med universal inngangsspenning (90-264 VAC)
- Opplading av 3-8 battericeller
- 3-pinns IEC 320 nettkontakt
- Medisinsk godkjent (EN 60601)
- UL godkjent (UL-2601-1)
- Nettledning ikke inkludert
- Kan leveres med festebrakett
- Tilpasninger leveres på forespørsel
- Vanntett (IP67) versjon kan leveres
- 3-step charge control with timer
- Switch mode charger with universal input voltage (90-264 VAC)
- Charges 3-8 battery cells
- 3-pin IEC 320 mains connector
- Medically approved (EN 60601)
- UL approved (UL-2601-1)
- Mains cord not included
- Mounting bracket available
- Custom specifications on request
- Waterproof (IP67) version available



Tekniske data

Inngangsspenning:
 Frekvensområde:
 Maks. utgangseffekt: Max. Output power:
 Svitsjefrekvens ca.
 Strømtrekk fra batteri ved frakoblet nett:
 Temperaturområde:
 Ripple:
 Virkningsgrad (ved 100% last):
 Sikring:
 Feil polaritet beskyttelse med automatisk resetbar sikring
 Isolasjonsklasse:
 Elektrisk sikkerhet:

EMC standarder

- Medisinsk:
- Emisjon:
- Immunitet:

Nettilkobling

Indikasjon

- Orange (konst. strøm, hurtig):
- Gul (konst. spenning, timer):
- Grønn (ladestopp):

Timer:

Utgangsterminaler:

Mål (LxBxH):

Vekt:

Technical specifications

Input voltage: 90 - 264 VAC
 Line frequency: 47 - 63Hz
 60 W
 Switch frequency, approx. 40 kHz
 Leakage current with mains disconnected: < 200 uA
 Temperature range: -10 - +40 °C (-40 - +40 °C IP67 vers.)
 Ripple: < 100 mV p-p
 Efficiency (at 100%load): > 81%
 Protection: Glassikring/ Mains fuse

Automatically resettable fuse protects charger against wrong polarity.

Insulation class:

Electrical safety:

EN 60601-1, EN 60950
 EN 60335-2-29, UL-2601-1

EMC standards.

- Medical:
- Emission:
- Immunity:

Mains connection

Indication

- Orange (constant current, boost):
- Yellow (constant voltage, timer):
- Green (charge termination):

Timer:

Output terminals:

Dimensions (LxWxH):

Weight:

4h ± 30%
 (also available with other values)
 Batt.klemmer, flatstift, DC plugg
 batt.clips, push-on, DC conn
 135 x 80 x 44mm
 350g (850g IP67 vers.)

Versjoner - Versions

Celler Cells	Nom. Batterispenning Nom. Battery voltage (V)	Ladestart Vbat< Charge start Vbat<	Ladespenning Charge voltage (V)	Ladestrøm Charge current (A)
3	10,8	12,0V+-0,1-0,15V	12,6	4,0
4	14,4	16,0V+-0,15V	16,8	3,5
5	18,0	20,0V+-0,2V	21,0	2,0
6	21,6	24,3V+-0,3V	25,2	2,0
7	25,2	28,4V+-0,3V	29,4	2,0
8	28,8	32,3V+-0,3V	33,6	1,7

Eller
nettpåslag
Or mains
turned on

Cool Power Solutions Oy
 Keskustie 6
 01900 Nurmijärvi
 Finland

Tel: +358-9-2906 1990
 Fax: +358-9-2906 1991

info@coolpowersolutions.fi
 www.coolpowersolutions.fi