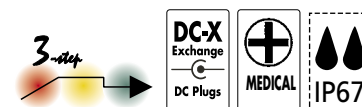


## 2040 LI Max. 4A

### Chargers for Li-Ion batteries

- 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
- Utskiftbare DC plugger
- 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
- Exchangeable DC pluggs



| <b>Tekniske data</b>                                       | <b>Technical specifications</b>  |   |
|--|--|---|
| Inngangsspenning:  | Input voltage:   | 90 - 264 VAC  |
| Frekvensområde:  | Line frequency:  | 47 - 63Hz   |
| Maks. utgangseffekt:                                       | Max. Output power:   | 60 W  |
| Svitsjefrekvens ca.  | Switch frequency, approx.  | 40 kHz  |
| Strømtekk fra batteri ved frakoblet nett:                  | Leakage current with mains disconnected:                               | < 200 uA  |
| Temperaturområde:  | Temperature range:   | -10 - +40 °C (-40 - +40 °C IP67 vers.)                            |
| Rippel:  | Ripple:  | < 100 mV p-p  |
| Virkningsgrad (ved 100% last):                             | Efficiency (at 100% load):   | > 81%   |
| Sikring:   | Protection:  | Glassikring/ Mains fuse   |
| Feil polaritet beskyttelse med automatisk resetbar sikring | Automatically resettable fuse protects charger against wrong polarity. |   |
| Isolasjonsklasse:  | Insulation class:  | I   |
| Elektrisk sikkerhet:                                       | Electrical safety:   | EN 60601-1, EN 60950<br>EN 60335-2-29, UL-2601-1                  |
| EMC standarder   | EMC standards.   |   |
| • Medisinsk:   | • Medical:   | EN 60601-1-2  |
| • Emisjon:   | • Emission:  | EN 61000-6-3  |
| • Immunitet:   | • Immunity:  | EN 61000-6-1  |
| Nettilkobling  | Mains connection   | 3 pins IEC 320 connector  |
| Indikasjon   | Indication   |   |
| • Orange (konst. strøm, hurtig):                           | • Orange (constant current, boost):                                    |   |
| • Gul (konst. spenning, timer):                            | • Yellow (constant voltage, timer):                                    |   |
| • Grønn (ladestopp):                                       | • Green (charge termination):  |   |
| Timer:   | Timer:   | 4h ± 30%<br>(also available with other values)                    |
| Utgangsterminaler:   | Output terminals:  | Batt.klemmer, flatstift, DC plugg<br>batt.clips, push-on, DC conn |
| Mål (LxBxH):   | Dimensions (LxWxH):  | 135 x 80 x 44mm   |
| Vekt:  | Weight:  | 350g (850g IP67 vers.)  |

#### Versjoner - Versions

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

Eller  
nettpåslag  
Or mains  
turned on

23052006

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