



- DC/DC charger for Li-Ion batteries
- 3-step charge control with current detection as charge termination
- Charging 1-8 Li-Ion battery cells
- 3-colored LED indicator
- Mounting bracket available
- Waterproof (IP67) version available
- Custom specifications on request
- 20-60 VDC input version available (2541LI)
- DC/DC hurtiglader for Li-Ion batterier
- 3-trinns ladekontroll med strømteksjon som ladestopp
- Opplading av 1-8 Li-Ion battericeller
- 3-farget lysdiodeindikator
- Kan leveres med festebrakett
- Vanntett (IP67) versjon kan leveres
- Tilpasninger leveres på forespørsel
- 20-60 VDC versjon tilgjengelig (2541LI)

Technical specifications Tekniske data

| | | |
|---|--|---|
| Input voltage: | Inngangsspenning: | 10-30 VDC |
| Switch frequency, approx.: | Svitsjefrekvens ca.: | 40 kHz |
| Leakage current from battery with mains switched off: | Strømtrekk fra batteri ved frakoblet nett: | <1 mA |
| Temperature range | Temperaturområde | |
| • operating: | • drift: | -20 °C - +40 °C |
| • storage: | • lagring: | -25 °C - +85 °C |
| Ripple: | Rippel: | < 100 mV p-p |
| Efficiency (at 100% load): | Virkningsgrad (100% last): | ca. 80% |
| Protection: | Sikring: | Protected against reversed polarity and short circuit proof Polvendings- og kortslutningssikker Note: Input/output without el. separation NB: Inng./utgang uten galvanisk skille |
| EMC standards: | EMC standarder: | 61204-3, 61000-6-1, 61000-6-3 |
| Input terminal: | Inngangsterminal: | cable w. 5A fuse on cord ledning m. 5A hengesikring |
| Output terminals: | Utgangsterminaler: | Sekundærledning m/utskiftbar plugg Cord w. exch. plug. |
| IP-code: | IP-grad: | 41 |
| Dimensions (LxWxH): | Mål (LxBxH): | 107 x 67 x 37mm |
| Weight: | Vekt: | 250g |

Versions - Versjoner

| | | Charge control - Ladekontroll | | | | | Charge start Vbat< | |
|--------|-----------------------|-------------------------------|----------------|----------------------------|---------------------------------|--|--------------------|--|
| | | Step 1 | Step 2a | Step 2b | Step 3 | | | |
| | | (orange) | (orange) | (yellow / gul) | (green / grønn) | | | |
| Cells | Max. output power (W) | Charge current | Charge voltage | To yellow when current is: | Charge termin. when current is: | Or mains turned on / Eller nettpåslag | | |
| Celler | Maks. utg. effekt | Ladestrøm | Ladespenning | Til Gul når strøm er: | Ladestopp når strøm er: | | | |
| 1 | 13 | 3A ±0,25A | 4,2V ±0,1V | < 1,15A ±25% | < 100mA +-25% | | 4,1V±0,2V | |
| 2 | 23 | 2,7A ±0,2A | 8,4V ±0,1V | < 1,15A ±25% | | | 8,2V±0,2V | |
| 3 | 29 | 2,3A ±0,2A | 12,6V ±0,1V | < 0,9A ±25% | | | 12,3V±0,15V | |
| 4 | 33 | 2,0A ±0,15A | 16,8V ±0,1V | < 0,85A ±25% | | | 16,4V±0,15V | |
| 5 | 33 | 1,6A ±0,1A | 21V ±0,1V | < 0,7A ±25% | | | 20,5V±0,2V | |
| 6 | 35 | 1,4A ±0,1A | 25,2V ±0,1V | < 0,6A ±25% | | | 24,6V±0,2V | |
| 7 | 35 | 1,2A ±0,1A | 29,4V ±0,1V | < 0,5A ±25% | | | 28,6V±0,2V | |
| 8 | 33 | 1,0A ±0,1A | 33,6V ±0,1V | < 0,4A ±25% | | 32,8V±0,3V | | |