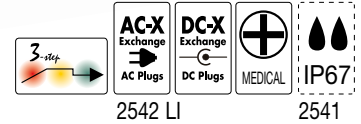


Chargers for Li-Ion batteries - switch mode

tech spec

2542 LI - exchangeable / utskiftbare AC plugs

- 3-step charge control with current detection as charge termination
- Universal input voltage (90-264 VAC)
- 3-colored LED indicator
- Order mains cord separately
- Custom specifications on request
- Approvals:
 - Medically certified EN 60601-1 3ed
 - UL approved
 - For updates: see www.mascot.no
- 3-trinns ladekontroll med strømdeleksjon som ladestopp
- Universal inngangsspenning (90-264 VAC)
- 3-farget lysdiodeindikator
- Nettledning best. separat
- Tilpasninger leveres på forespørsel
- Godkjenninger:
 - Medisinsk sertifisert EN 60601-1 3ed
 - UL godkjent
 - For oppdat.: se www.mascot.no



Technical specifications

Input voltage:
Line Frequency:
Switch frequency, approx.:
Leakage current from battery with mains switched off:
Temperature range
• Operating:
• Storage:
Ripple:
Protection:

Tekniske data

Inngangsspenning: 90-264 VAC
Frekvensområde: 47 – 63Hz
Svitsjefrekvens ca.: 40 kHz
Strømtrekk fra batteri ved frakoblet nett: <250µA
Temperaturområde
• Drift: -20 °C - +40 °C
• Lagring: -25 °C - +85 °C
Rippel: < 100 mV p-p
Sikring: Protected against reversed polarity and short circuit proof
Polvendings- og kortslutningssikker II
Insulation class:
Isolasjonsklasse:
Isolasjonsspenning
• Primær - sekundær: 4000VAC / 5700VDC
Electrical safety standard: Elektrisk sikkerhetsstandard: IEC/EN/UL 60601-1, EN 60950-1, EN 60335-2-29
EMC standards
• Medical: EN 60601-1-2
• Emission: EN 61000-6-3
• Immunity: EN 61000-6-1
Input terminal: Inngangsterminal: 2-pin IEC 320 connector
Output terminals: Utgangsterminaler: Cord w/wout plug / Sek.ledn. m/u plugg
IP-code: IP-grad: 41
Dimensions (LxWxH): Mål (LxBxH): 107 × 67 × 36,5mm (2541 LI)
Weight: Vekt: 250g

Versions / Versjoner			Charge control / Ladekontroll					
			Step 1 (orange)	Step 2a (orange)	Step 2b (yellow / gul)	Step 3 (green / grønn)		
Cells	Max output power (W)	Efficiency (100% at 230V)	Charge current	Charge voltage	To yellow when current is:	Charge termin. when current is:	Charge start Vbat<	
Celler	Maks. utg. effekt	Virkningsgrad	Ladestrøm	Ladespenning	Til gul når strøm er:	Ladestopp når strøm er:	Ladestart Vbat<	
1	12	63 %	2,7A ±0,1A	4,2V ±0,05V	< 1,15A ±0,1A	< 100mA + -25%	4,0V±0,1V	Or mains turned on Eller nettpåslag
2	23	78 %	2,7A ±0,1A	8,4V ±0,1V	< 1,15A ±0,1A		8,0V±0,1V	
3	29	83 %	2,3A ±0,1A	12,6V ±0,1V	< 1,00A ±0,1A		12,1V±0,1V	
4	34	84 %	2,0A ±0,1A	16,8V ±0,1V	< 0,85A ±0,1A		16,2V±0,1V	
5	34	85 %	1,6A ±0,1A	21V ±0,1V	< 0,70A ±0,1A		20,3V±0,1V	
6	35	87 %	1,4A ±0,1A	25,2V ±0,1V	< 0,60A ±0,1A		24,4V±0,1V	
7	35	87 %	1,2A ±0,1A	29,4V ±0,1V	< 0,50A ±0,1A		28,5V±0,1V	
8	34	85 %	1,0A ±0,1A	33,6V ±0,1V	< 0,40A ±0,1A		32,6V±0,1V	
10	35	85 %	0,8A ±0,1A	42,0V ±0,2V	< 0,35A ±0,1A		40,7V±0,4V	
14	35	85 %	0,6A ±0,1A	58,8V ±0,3V	< 0,25A ±0,05A		57,1V±0,5V	