

- 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 design on request: NTC, charge current, other
- Waterproof IP67 version available
- Approvals:
 - Medically cert. EN 60601-1 ed. 3.1
 - Home Healthcare EN 60601-1-11
 - For updates: see www.mascot.no
- 3-trinns ladekontroll med strøm-deteksjon som ladestopp
- Universal inngangsspenning (90-264 VAC)
- 3-farget lysdiodeindikator
- Nettledning best. separat
- Tilpasninger lev. på forespørsel: NTC, ladestrøm m.m.
- Vanntett IP67 versjon tilgjengelig
- Godkjenninger:
 - Med. sertifisert 60601-1 ed. 3.1
 - Med. hjemmebruk EN 60601-1-11
 - For oppdat.: se www.mascot.no

**Technical specifications****Tekniske data**

Input voltage:	Inngangsspenning:	90-264 VAC
Line Frequency:	Frekvensområde:	47 – 63Hz
Switch frequency, approx.:	Svitsjefrekvens ca.:	40 kHz
Leakage current from battery with mains switched off:	Strømtrekk fra batteri ved frakoblet nett:	<0,4mA @ 7,4V (2-cell version)
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 Class II (Class I on request)
Insulation class:	Isolasjonsklasse:	
Insulation voltage	Isolasjonsspenning	
• Primary – secondary:	• Primær - sekundær:	4000VAC / 5700VDC
Electrical safety standard:	Elektrisk sikkerhetsstandard:	EN/IEC 60335-2-29, EN/IEC/ANSI 60601-1 & EN/IEC 60601-1-11
EMC standards	EMC standarder	EN 55014-1 and -2, EN/IEC 61000-6-3, EN/IEC 61000-6-1, EN/IEC 60601-1-2
Input terminal:	Inngangsterminal:	2-pin IEC-320, 2-pin IEC60320/C8 (3-pin IEC 60320/C14 or fixed cord on request)
Output terminals:	Utgangsterminaler:	Cord w/wout plug / Sek.ledn. m/u plugg
IP-code:	IP-grad:	41
Dimensions (LxWxH):	Mål (LxBxH):	135 x 80 x 44mm
Weight:	Vekt:	390g (890 g IP67)

Voltage versions – see next page
Spenningsversjoner – se neste side

			Charge control / Ladekontroll					Charge start Vbat<
			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:		
Celler	Maks. utg. effekt	Virkningsgrad	Ladestrøm	Ladespenning	Til gul når strøm er:	Ladestopp når strøm er:	Ladestart Vbat<	
1	17	>60 %	4A ±0.2A	4.2V ±0.05V	< 1.8A ±0.2A	<300mA ± 25%	3.9V±0.15V	
2	34	>80 %	4A ±0.2A	8.4V ±0.1V	< 1.8A ±0.1A	<300mA ± 25%	8.0V±0.1V	
3	51	>81 %	4A ±0.2A	12.6V ±0.1V	< 1.8A ±0.1A	<300mA ± 25%	12.3V±0.1V	
4	59	>85 %	3.5A ±0.2A	16.8V ±0.1V	< 1.6A ±0.1A	<300mA ± 25%	16.4V±0.1V	
5	70	>85 %	3.3A ±0.2A	21V ±0.1V	< 1.6A ±0.1A	<300mA ± 25%	20.5V±0.1V	
6	71	>86 %	2.8A ±0.2A	25.2V ±0.2V	< 1.6A ±0.1A	<300mA ± 25%	24.6V±0.2V	
7	74	>85 %	2.5A ±0.2A	29.4V ±0.2V	< 0.8A ±0.1A	<300mA ± 25%	28.7V±0.2V	
8	71	>85 %	2.1A ±0.2A	33.6V ±0.1V	< 0.8A ±0.1A	<300mA ± 25%	32.8V±0.1V	
9	72	85 %	1.9A ±0.2A	37.8V ±0.2V	< 0.8A ±0.1A	<200mA ± 25%	36.9V±0.2V	
10	76	88 %	1.8A ±0.1A	42.0V ±0.2V	0.8A ±0.1A	<200mA ± 25%	41.0V±0.2V	
11	74	87 %	1.6A ±0.1A	46.2V ±0.2V	< 0.8A ±0.1A	<200mA ± 25%	45.1V±0.2V	
12	73	87 %	1.45A ±0.1A	50.4V ±0.3V	< 0.6A ±0.1A	<200mA ± 25%	49.2V±0.3V	
13	74	87 %	1.35A ±0.1A	54.6V ±0.3V	< 0.6A ±0.1A	<100mA ± 25%	53.3V±0.3V	
14	76	88 %	1.3A ±0.1A	58.8V ±0.3V	0.6A ±0.1A	<100mA ± 25%	57.4V±0.3V	
15	72	87%	1.15A ±0.1A	63.0V ±0.3V	0.6A ±0.1A	<100mA ± 25%	61.5V±0.3V	
16	67	87 %	1.0A ±0.1A	67.2V ±0.3V	0.6A ±0.1A	<100mA ± 25%	65.6V±0.3V	

Or mains turned on/
Eller nettpåslag