

# Mascot 2215 Series

Max 35W Fast Chargers for NiMH/NiCd Batteries - Medical

CoolPower  
Solutions

- Universal inngangsspenning (90-264 VAC)
- 5 versjoner for 3 til 20 battericeller
- Medisinsk godkjent (EN 60601)
- CPM-Computer Programmerbar Microprocessor
- Tilpasninger leveres på forespørsel
- Universal input voltage (90-264 VAC)
- 5 versions for 3 to 20 battery cells
- Medical approved (EN 60601)
- CPM-Computer Programmable Microprocessor
- Custom specifications on request



Exch. plugs



<u>Tekniske data</u>	<u>Technical specifications</u>	
Inngangsspenning	Input voltage	90-264 VAC, 50-60Hz
Maks. utgangseffekt	Max. Output power	35W
Vedlikeholdsladestrøm	Trickle charge current	100mA +/-50mA (10-20 cell: 50mA +/-25mA)
Strømtrekk fra batt v. frakoblet nett	Leakage current f. battery w mains off	< 1mA
Start timer (ingen -dV deteksjon) **	Start timer (no -dV detection) **	3 min.
Top-off timer **	Top-off timer **	1 time/hour
Sikkerhetstimer **	Safety timer **	2 timer/hours
Svitsjefrekvens	Switch frequency	40 kHz
Temperaturområde	Temperature range	-20 - +40 °C
Virkningsgrad (ved 100% last)	Efficiency (at 100% load)	ca 78 %
Sikring	Protection	Sikringsmotstand/fusible resistor Polyswitch-sikring mot polvendning/ Polyswitch fuse against reversed polarity
* Inngang	* Input	II
* Utgang	* Output	EN 60601-1, EN 60950, EN 60335-2-29
Isolasjonsklasse	Insulation class	EN 60601-1-2
Elektrisk sikkerhet	Electrical safety	EN 50081-1 (EN 61000-6-3)
EMC standarder	EMC standards	EN 50082-1 (EN 61000-6-1)
* Medisinsk	* Medical	2 pins IEC 320
* Emisjon	* Emission	41
* Immunitet	* Immunity	107 x 67 x 36,5mm
Nettilkobling *	Mains connection *	250g
IP grad	IP code	Laderen er programmerbar – se tekn. data for Mascot CPMM
Mål (LxBxH)	Dimensions (LxWxH)	The charger is programmable – see tech. spec. for Mascot CPMM
Vekt	Weight	
** Annet	** Other	

\* Nettledning følger ikke med. Må bestilles i tillegg.

Mains cable not included. Order separately

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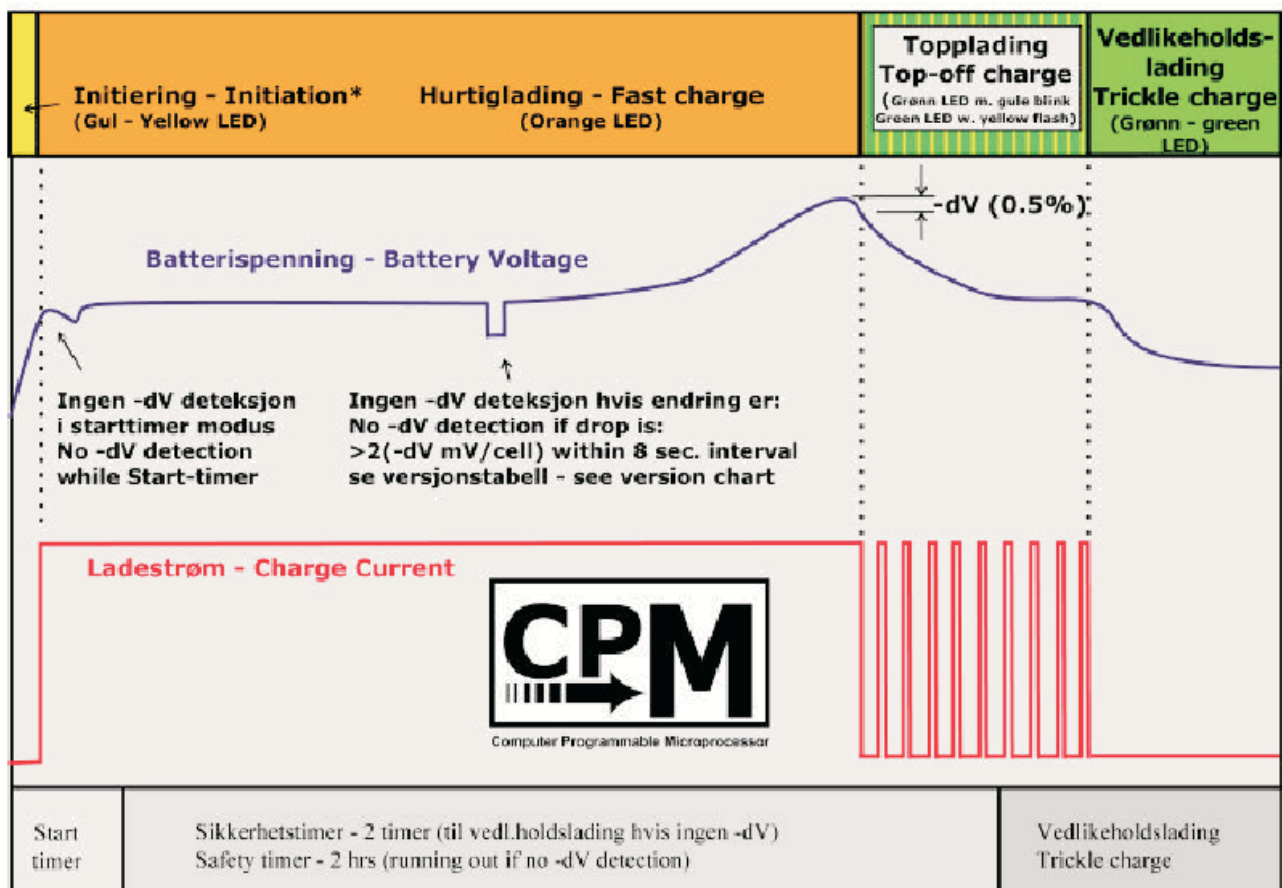
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Versjoner – versions

Celler	Tomgangs-Tomgangsspenning	Min utsp. for -dV deteksjon (min 1,25V pr celle)	Max utsp. for -dV deteksjon (min 1,8V pr celle)	-dV deteksjon mV/celle eller % **	Hurtig ladestrom	Topplading (1t. e. -dV detek.)
Cells	No-load voltage	Min. out. for -dV detection (min. 1,25V pr cell)	Max out. for -dV detection (max 1,8V pr cell)	-dV detection mV/celle or % **	Fast charge current	Top-off charge (1h. a. -dV det.)
3-6	12,8V +/-0,7V	3,7V (min. 3 c.)	10,8V (max 6 c.)	11mV/0,6%	3,0A +/- 250mA	390mA +/- 80mA
4-8	16,5V +/-1V	5,0V (min. 4 c.)	14,4V (max 8 c.)	8mV/0,5%	2,2A +/- 150mA	310mA +/- 80mA
5-10	21V +/-1,2V	6,2V (min. 5 c.)	18V (max 10 c.)		1,8A +/- 150mA	270mA +/- 70mA
6-12	24,7V +/-1,5V	7,5V (min. 6 c.)	21,6V (max 12 c.)		1,5A +/- 100mA	240mA +/- 60mA
10-20	41V +/-2V	12,5V (min. 10 c.)	36V (max 20 c.)		0,9A +/- 70mA	130mA +/- 40mA

Ladekurve og lysdiode (LED) indikasjon - Charging diagram and LED indication



\* Nytt ladeforløp starter ved til- og frakobling av sek. ledning eller nettleiding  
A new charge cycle starts by reconn. battery at output or conn/reconn. mains