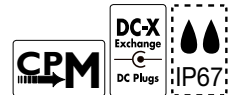


**PROGRAMMABLE CHARGERS FOR NIMH/NICD BATTERIES**



- DC/DC fast charger for NiMH/NiCd batteries
- -ΔV detection disabled at sudden voltage changes to avoid false -ΔV if external load kicks in during charging
- CPM-Computer Programmable Microprocessor offering:
  - Charge detection options (one or more): dT/dt, - dV, 0 -dV, Timer
  - Safety timer, -dV threshold, and Temperature gradient adjustment
- Exchangeable DC plugs
- DC/DC hurtiglader for NiMH/NiCd batterier
- Ingen -ΔV deteksjon ved brå spenningsendringer ved f.eks innkobling av eksternt last
- CPM-Computer Programmerbar Microprosessor tilbyr:
  - Ladedeteksjonsvalg (en eller flere): dT/dt, - dV, 0 -dV, Timer
  - Justering av sikkerhetstimer, dV nivå og temp. stigningsnivå
- Utskiftbare DC plugger

**Technical specifications**

**Tekniske data**

Input voltage:	Inngangsspenning:	10-30 VDC
Leakage current battery w mains off:	Strømtrekk fra batt. v frakobl. nett:	< 1 mA
Start timer (no -dV detect)*:	Start-timer (ingen -dV det.)*:	3 min.
Top-off timer*:	Top-off timer*:	1 hour / time
Safety timer*:	Sikkerhetstimer*:	2 hours / timer
Switch frequency, approx.:	Svitsjefrekvens ca.:	40 kHz
Temperature range	Temperaturområde	
• operating:	• drift:	-20 °C - +40 °C
• storage:	• lagring:	-25 °C - +85 °C
Charge control:	Ladekontroll:	-dV kontroll. -dV principle
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:	cabl. w. 5A fuse on cord ledning m. 5A hengesikring
Output terminals:	Utgangsterminal:	Cord w. exch. plug Sekundærledning m/utskiftbar plugg
IP-code:	IP-grad:	41
Dimensions (LxWxH):	Mål (LxBxH):	107 x 67 x 36,5 mm
Weight:	Vekt:	250g

\* Programmable / Programmerbar

**Versions - Versjoner**

Cells	Max. output power	No-load voltage (yellow)	Fast charge current (orange)	Top-off charge (1 hr after -dV det.) (green with yellow flash)	Trickle charge current (green)
Celler	Maks. utgangseffekt	Tomgangsspenning (gul)	Hurtig ladestrøm	Topplading (1 t. etter -dV detek.) (grønn med gule blink)	Vedlikeholds-ladestrøm (grønn)
2	12W	8,7V ± 0,7V	3A ± 250mA	550mA ± 80mA	250mA ± 70mA
3-6	27W	12,8V ± 0,7V	2,5A ± 250mA	350mA ± 80mA	100mA ± 50mA
4-8	32W	16,5V ± 1V	2,2A ± 150mA	310mA ± 80mA	100mA ± 50mA
5-10	32W	21V ± 1,2V	1,8A ± 150mA	270mA ± 70mA	100mA ± 50mA
6-12	32W	24,7V ± 1,5V	1,5A ± 100mA	240mA ± 60mA	100mA ± 50mA
10-20	32W	41V ± 2V	0,9A ± 70mA	130mA ± 40mA	50mA ± 25mA