



- 3-trinns ladekontroll med mikroprosessor
- Lavstrømsmodus ved oppstart av meget utladde batterier (trinn 0)
- Switch mode, høy virkningsgrad (81%)
- PFC - Power Factor Correction
- Uavhengig av nettspenningsvariasjoner
- Overtemperaturbeskyttet
- Smart temperaturkontroll: lydsvak temp-kontrollert vifte m. viftehastighetsregulering
- Pulserende vedlikeholdslading
- 3-step charge control w. microprocessor
- Low current start up of deeply discharged batteries (step 0)
- Switch mode, high efficiency (81%)
- PFC - Power Factor Correction
- Unaffected by fluctuations in mains voltage
- Protected against overheating
- Smart temperature control: silent temp controlled fan with fan speed regulation
- Pulsing float charge

<b>Tekniske data</b>	<b>Technical specifications</b>	<b>12V</b>	<b>24V</b>
Inngangsspenning	Input voltage	198 - 264 VAC 47-63 Hz	
Maks. utgangseffekt	Max output power	588 W	
Ladetimer (step2)	Charge Timer (step2)	4 h	
Sikkerhetstimer	Safety Timer	72 h	
Restart ladestrøm	Restart charge current	40 A	20 A
Indikasjon når batt ikke tilkoblet	Indication batt not connected	blinkende grønn-flashing green	
Max strømtrekk fra batteri ved frakoblet nett	Leakage current from battery with mains switched off	<0,6mA at 13V (0,43Ah/month)	<0,6mA at 26V (0,43Ah/month)
Rippel	Ripple	< 100 mV p-p	
Virkningsgrad (v. 100% last)	Efficiency (at 100% load)	>81%	> 85%
Svitsjefrekvens ca.	Switch frequency approx.	67 kHz	
Temperaturområde	Temperature range		
• Drift	• Operating	-25 til +40 °C	
• Lagring	• Storage	-25 til +85 °C	
Beskyttelse	Protection		
- Kortslutningssikker	- Short circuit proof	Lading av batt. m lavere spenning (f.eks. 6V/12V) vil strømmen bli begr. til 5A/2,5A og term. e. 30 min	
- Polvendingsikker	- Against reversed polarity	Charging of lower voltage batt (e.g. 6V/12V) limited to 5A/2,5A and term. a. 30 min	
- Mot overoppheting	- Against overheating		
- Sikkerhetstimer	- Safety timer		
Sikkerhet	Safety	EN 60335-2-29	
Isolasjonsklasse	Insulation class	Class I	
Isolasjonsspenning Primær - sekundær	Insulation voltage Primary-secondary	3750 VAC / 5300 VDC	
EMC standarder	EMC standards	PFC EN 61000-6-3 Class D EN 55014-1-2, EN 61000-6-3, EN 61000-6-1	
Inngangsterminal	Input terminal	3-pins IEC-320	
Utgangsterminal	Terminals	skruterminaler - screw terminals	
IP-Grad	IP-Grade	20	
Anbefalt batterikapasitet	Rec. Battery capacity	200 - 2000 Ah	100 - 1000 Ah
Yttre mål (LxBxH)	Dimensions (LxWxH)	330 x 186 x 63,5 mm	
Vekt	Weight	3,15 kg	

### Versjoner - versions

	Ladekontroll - charge control (LED indication)					Vedl. lading Float charge
	Trinn/Step 0 < 30 min (Gul/Yellow)	Trinn / Step 0 > 30 min (Rød=feil / Red=error)	Trinn / Step 1 (Gul/Yellow)	Strinn / Step 2 (Blink Gul/Flash Yellow)	Trinn / Step 3 (Grønn/Green)	
12V	5A ± 0,5A (batt volt < 10,5V)	< 0,2A	40A ± 0,5A (batt volt > 10,5V) (til Vbat = 14,7V)	14,7V ± 0,1V (until I charge <5A or >4hr) tapering charge current	13,7V ± 0,2V (until I charge > 40A) supply current up to max 40A for possible parallel load	13,7V±0,15A Strøm pulserer på sikkert spenningsnivå for topplading av batt
24V	2,5A ± 0,5A (batt volt < 21V)	< 0,2A	20A ± 0,5A (batt volt < 21V) (until Vbat = 29,4V)	29,4V ± 0,1V (until I charge <2,5A or >4hr) tapering charge current	27,4V ± 0,2V (until I charge > 20A) supply current up to max 20A for possible parallel load	27,4V±0,3A Pulsing current at safe float voltage level for max topping of batt.

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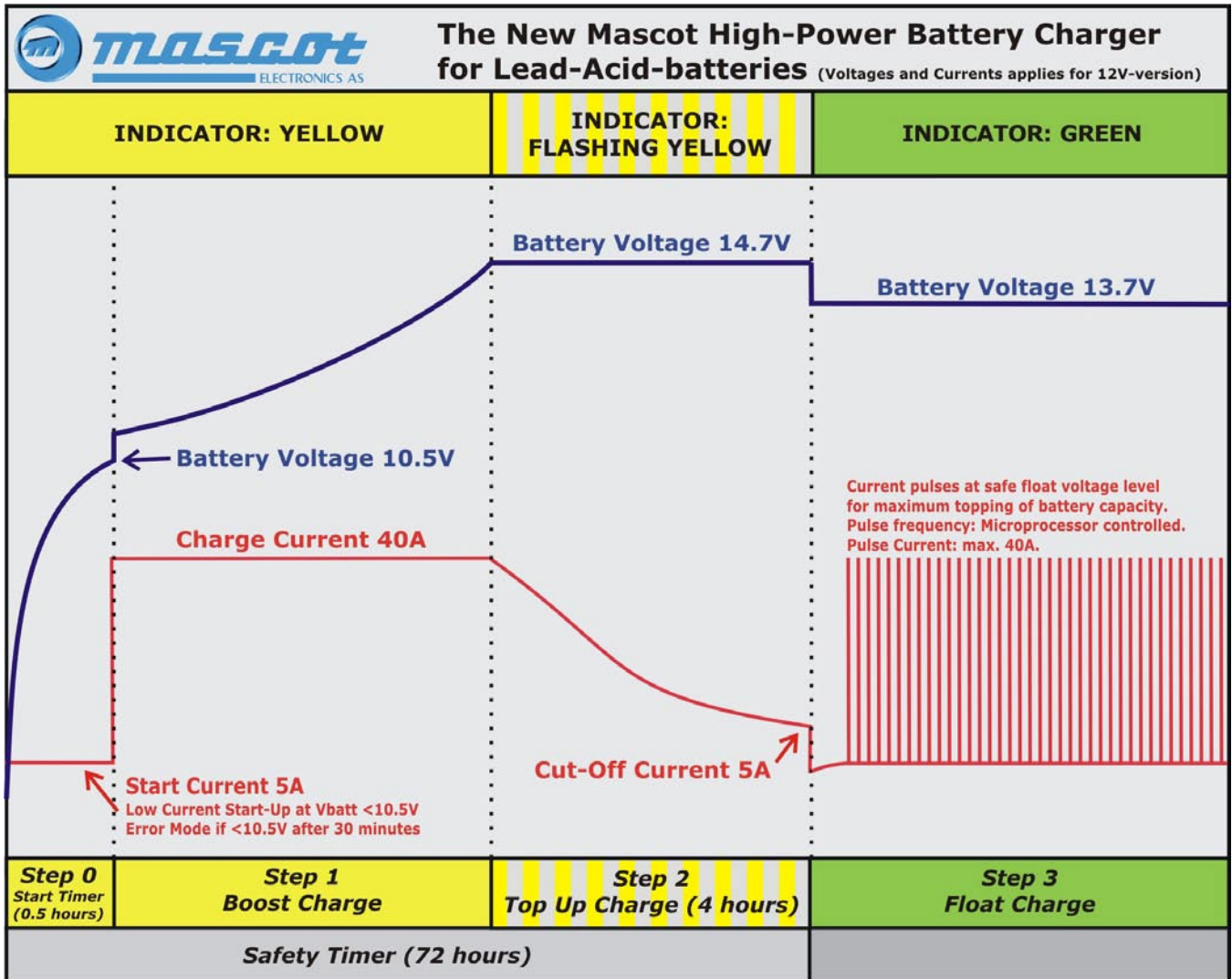
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Charging characteristics and LED indication / Ladekarakteristikk og lysdiode (LED) indikasjon (for 12V)



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