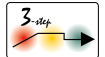


- 3-step charge control with current detection
- Input voltage 198-264 VAC
- Wake up and low current start-up of deeply discharged batteries
- Error indication for reverse polarity, short circuit, charging of wrong (lower Voltage) battery pack, defect battery and safety timer run-out
- Mounting bracket included
- Approvals:
 - Medically certified EN 60601-1 3ed
 - UL Approved

For updates: see www.mascot.no



TECHNICAL SPECIFICATIONS



GENERAL INPUT/OUTPUT

Input voltage:	198-264 VAC
Line Frequency:	47 – 50Hz
Switch frequency, approx.:	65 kHz
Leakage current from batt. with mains switched off:	<170µA@29.2V
Temperature range	
• Operating:	-25 °C - +40 °C
• Storage:	-25 °C - +65 °C
Derating:	Approx. - 30 % at 40°C
Ripple:	< 100 mV p-p
Dimensions (LxWxH):	210 x 113 x 53 mm
Weight:	With mains cable 1400g With IEC60320 1150g

SAFETY PROTECTION EMC

Protection:	Short circuit proof and protected against reversed polarity and thermal run-off. Prevents sparking. Charge timer: (step 2): 1h Safety timer: 72h Class II (Double insulated)
Insulation class:	Class II (Double insulated)
Insulation voltage	4000VAC / 5700VDC
Primary – secondary:	4000VAC / 5700VDC
Electrical safety std:	EN 60601
EMC standards	EN 60601-1-2:2015
Input terminal:	2-pin IEC 60320 or fixed mains cable
Output terminals:	Cord with open ends
IP-code:	IP44 (IP41 with 2-pin IEC 60320)

VERSIONS

		Step 0 < 10min (yellow)	Step 0 > 10min (Red: 4 blinks)	Step 1 (yellow)	Step 2 (Flash yellow)	Step 3 (green)	
Cells	Max output power (W)	Low Current start-up for deeply discharged batt.	Battery voltage too low	Charge Current	Charge Voltage	Charge term when current is:	Restart
7	294W	CC 0.8A±0.4A when batt volt < 21V	0A/0V	10A +0/-0.3A	29.4V ±0.2V	< 0.8A or max. 1 hr.	28.7V ±0.1V