

DATO-DATE
01.07.14REF.
EW/kh

GODKJ.-APPR.

ENDRET-CHANGED
13.12.16 EW/bmDOK.NR.-DOC.NO.
5040B

TEKNISKE DATA / SPECIFICATIONS FOR TYPE 3044

SPECIFICATIONS for Mascot type 3044:	12V LA	24V LA
Input voltage	10-30Vdc	10-30Vdc
Step 1 Charge current (orange LED):	4A ±0.3A	2A ±0.2A
Step 2 Charge voltage:	14.7V ± 0.1V	29.4V ± 0.2V
Step 2 Current when LED turns to yellow:	< 2A ± 25%	< 0.8A ± 25%
Step 3 Current when LED turns to green, Charge termination:	< 1A ± 25%	< 0.3A ± 25%
Float Charge:	13.7V ± 0.2V	27.4V ± 0.3V
Max output power:	60W	60W
Leakage current from battery with no input voltage:	< 1mA	< 1mA
Ripple:	100mV p-p	100mV p-p
Switch frequency approx.:	40kHz.	
Temperature range:	-20 til +40°C (these values are only for the charger, not for the batteries).	
Storage temperature:	-20 til +85°C	
Efficiency (100% load 13.5V input):	Ca. 80%.	
Fuse:	5A fuse on input cable. Polyswitch fuse at the output protects the unit against wrong polarity.	
EMC standard:	EN 61204-3	
Output terminals:	Secondary cable with exchangeable plugs.	
IP-grade:	IP 41.	
Dimensions:	135 × 80 × 44 mm.	
Weight:	550 g.	
Other:		