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5040B

TEKNISKE DATA / SPECIFICATIONS FOR TYPE 3044

SPECIFICATIONS for Mascot type 3044:	LiFePO₄ 8-cell
Input voltage	10-30Vdc
Step 1 Charge current (orange LED):	2A ±0.2A
Step 2 Charge voltage:	29.2V ±0.2V
Step 2 Current when LED turns to yellow:	< 0.8A ±25%
Step 3 Current when LED turns to green, Charge termination:	< 0.3A ±25%
Float charge voltage:	28.0V ±0.3V
Max output power:	60W
Leakage current from battery with no input voltage:	< 1mA
Ripple:	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 x 80 x 44 mm.
Weight:	550 g.
Other:	