

SPECIFICATIONS FOR 3044 LI	7-cell	10-cell
Available versions	x	x
Input voltage:	10-30Vdc	10-30Vdc
Step 1 Charge current (orange LED):	2A ±0.2A	1.5A ±0.1A
Step 2 Charge voltage:	29.4V ±0.2V	42.0V ±0.1V
Step 2 Current when LED turns to yellow:	< 0.8A ±25%	< 0.7A ±25%
Step 3 Current when LED turns to green, Charge termination:	< 0.3A ±25%	< 0.1A ±25%
Charge start Vbat<:	28.7V ±0.3V or mains turn-on	41.0V ±0.3V or mains turn-on
Max output power:	60W	63W
Leakage current from battery with no input voltage:	< 1mA	< 1mA
Ripple:	100mV p-p	100mV p-p
Switch frequency approx.:	40kHz.	40kHz.
Temperature range:	-20 til +40OC (these values are only for the charger, not for the batteries).	-20 til +40OC (these values are only for the charger, not for the batteries).
Storage temperature:	-20 til +85OC	-20 til +85OC
Efficiency (100% load 13.5V input):	Ca. 80%.	Ca. 80%.
Fuse:	10A fuse on input cable. Polyswitch fuse at the output protects the unit against wrong polarity.	10A fuse on input cable. Polyswitch fuse at the output protects the unit against wrong polarity.
EMC standard:	EN 61204-3	EN 61204-3
Output terminals:	Secondary cable with exchangeable plugs.	Secondary cable with exchangeable plugs.
IP-grade:	IP 41.	IP 41.
Dimensions:	135 × 80 × 44 mm.	135 × 80 × 44 mm.
Weight:	550 g.	550 g.