BATTERY CHARGER, 453044-L, LI-ION

SPECIFICATIONS	7 CELLS	10 CELLS
Cell-Con part number:	453044-LG	453044-LJ
Input voltage:	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 noinput voltage:	<1mA	
Ripple:	100mV p-p	
Switch frequency approx.:	40kHz	
Temperature range:	-20 to +40°C (these values are only for the charger, not for the batteries)	
Storage temperature:	-20 to +85°C	
Efficiency (100% load 13.5V input):	Ca. 80%	
Fuse:	10A 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:	135×80×44mm	
Weight:	550g	

CELL-CON
Battery & Charger Solutions

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