BATTERY CHARGER, 453044-S, LEAD ACID

SPECIFICATIONS	12 V	24 V
Available versions:	453044-SB	453044-SC
Input voltage:	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 3 25%	<0.3A ±25%
Float charge:	13.7V ±0.2V	27.4V ±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 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:	IP41	
Dimensions:	135×80×44 mm	
Weight:	550g	