BATTERY CHARGER, 452544-S, LEAD ACID

SPECIFICATIONS	6 V	12 V	24 V
Available versions:	452544-SA	452544-SB	452544-SC
Input voltage:	10-30VDC		
Step 1. Charge current: Orange LED	2.7A ±0.2A	2A ±0.15A	1.2A ±0.1A
Step 2. Charge voltage:	7.35V ±0.1V	14.7V ±0.1V	29.4V ±0.1V
Step 2. Current when LED turns to Yellow:	<1.15A ±25%	<0.85A ±25%	<0.5A ±25%
Step 3. Current when LED turns to Green, charge termination:	<0.25A ±25%		
Float charge:	6.9V +/-0.15V	13.7V ±0.15V	27.4V ±0.2V
Max output power:	20W	30W	35W
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:	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:	IP41		
Dimensions:	107×67×36.5mm		
Weight:	250g		