BATTERY CHARGER, 459740-S, LEAD ACID

SPECIFICATIONS	12 V	24 V	36 V	48 V
Available versions:	459740-SB	459740-SC	459740-SD	459740-SE
Input voltage:	190-264VAC	198-264VAC		
Line frequency:	47-63Hz			
Charge control:	3 Step IUU			
Charge voltage - cycle mode:	14.7V	29.4V	44.1V	58.8V
Charge voltage - standby mode:	13.7V	27.4V	41.1V	54.8V
Timer:	4 hours ±30min			
Charge current:	10A +0/-10%	5A +0/-10%	3.3A +0/-10%	2.5A +0/-10%
Input surge current limitation:	< 30A			
Leakage current from battery with mains switched off:	<2.5mA 12V battery voltage	<3.5mA 24V battery voltage	<4.0mA 36V battery voltage	<4.0mA 48V battery voltage
Ripple:	<100mV p-p			
Efficiency (at 100% charge current) approx.:	>83%	>85%		
Switch frequency approx.:	63kHz			
Temperature range:	**Operating:** -25 to +40°C / **Storage:** -25 to +85°C			
Protection:	Short circuit proof / Against reversed polarity			
Insulation class:	Class I			
Insulation voltage (primary-ground):	1500VAC (2200VDC)			
Insulation voltage (primary-secondary):	4000VAC (5700VDC)			
Insulation voltage (secondary-ground):	500VAC (710VDC)			
Electrical safety standards:	**EN** E60335-2-29 / **EN** 60601-1			**EN** E60335-2-29 / **EN** 60601-1; Under condition that the output voltage inaccessible!
EMC standards:	**EN** 61000-6-3 / **EN** 55014 / **EN** 61000-6-1 / **EN** 60601-1-2			
IP-Grade:	21 PCB with components are protected with coating			
Mains connection:	Mains cord			
Output terminals:	Leads with battery clips			
Indication: 3 colour LED	Green: Constant voltage, standby mode			
Dimensions (LxWxH):	184×171×54mm			
Weight:	1.5kg			

CELL-CON
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