BATTERY CHARGER, 452241-L, LI-ION

SPECIFICATIONS	1 CELL	2 CELLS	3 CELLS	4 CELLS	5 CELLS	6 CELLS	7 CELLS
Cell-Con part number:	452241-LA	452241-LB	452241-LC	452241-LD	452241-LE	452241-LF	452241-LG
Input voltage:	90-264VAC						
Line frequency:	47-63Hz						
Step 1. charge current: Orange	1.3A +5/-7%		1.2A +5/-7%	0.9A +5/-7%	0.7A +5/-7%	0.6A +5/-7%	0.56A +5/-7%
Step 2. charge voltage: Orange	4.2V ±0.05V	8.4V ±0.1V	12.6V ±0.1V	16.8V ±0.1V	21.0V +0.1/-0.15	25.2V +0.1/-0.15	29.4V ±0.10V
Step 3. charge termination I <: Green	100mA ±25%						
Charge start Vbat<:	4.05V +0.05/-0.15V or mains turn-on	8.1V +0.1/-0.15V or mains turn-on	12.3V +0.1/-0.15V or mains turn-on	16.4V +0.1/-0.15V or mains turn-on	20.5V +0.1/-0.15V or mains turn-on	24.6V +0.1/-0.15V or mains turn-on	28.7V +0.1/-0.15V or mains turn-on
Max output power:	5.5W	10.9W	15.1W		14.7W	15.1W	16.4W
Ripple:	<100mV p-p						
Efficiency (at 100% load, 230V) approx.:	0.58	0.72	0.77	0.80	0.82		
Switch frequency approx.:	40kHz						
Leakage current from battery with mains switched off:	≈ 0						
Protection:	Protected against reversed polarity and short circuit proof						
Temperature range:	**Operating:** -25 to +40°C / **Storage:** -25 to +85°C						
Safety:	EN 60950-1, EN 60601-1, EN 60335-2-29, UL 60601-1						
Insulation class:	Class II						
Insulation voltage: primary–secondary:	4000VAC/5640VDC						
EMC standards:	**EMC Medical:** EN 60601-1-2 / **Emission:** EN 61000-6-3 / **Immunity:** EN 61000-6-1						
MTBFat Ta = 30°C and full load: Calculated according to MIL – HDBK – 217F	>250,000 hours						
Input terminal:	2-pins IEC 60320 connector for changeable mains plug (EU, US and UK)						
Output terminals:	Modular connector / Cord with/without plug. Exchangeable plugs available.						
IP-Grade:	4X						
Dimensions:	103.5×46.8×38.7mm						
Weight:	140g						