

SPECIFICATIONS FOR 2240 LI	1-cell Li-Ion	2-cell Li-Ion	3-cell Li-Ion	4-cell Li-Ion	5-cell Li-Ion	6-cell Li-Ion	7-cell Li-Ion
Available versions	x						
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.:	57.9999999999999%	72%	77%	80%	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 til +40oC						
*Storage:	÷25 til +85oC						
Safety:	EN 60950-1, EN 60601-1, EN 60335-2-29, UL60601-1						
Insulation class :	Class II						
Insulation voltage: Primary – secondary:	4000VAC / 5640VDC						
EMC standards:	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 6100-6-1						
MTBFat Ta = 30°C and full load: Calculated according to MIL – HDBK – 217F	>250 000 hours						
Input terminal	2-pins IEC 60320 connector						
Output terminals:	Cord with/without plug. Exchangeable plugs available.						
IP-Grade:	4X						
Dimensions:	90 × 45 × 32mm						
Weight:	115g						