

SPECIFICATIONS FOR 2241 LiFe	1-cell	2-cell	4-cell	5-cell	8-cell
Available versions	x				
Input voltage:	90 - 264VAC				
Line frequency:	47 - 63Hz				
Step 1. Charge current: Orange	1.3A +5/-7%		0.9A +5/-7%		0.56A +5/-7%
Step 2. Charge voltage: Orange	3.65V ±0.05V	7.30V ±0.1V	14.6V ±0.1V	18.25V ±0.1V	29.2V ±0.1V
Step 3. Charge termination I <: Green	100mA ±25%				
Float Charge voltage	3.50V ±0.15V	7.0V ±0.15V	14.0V ±0.15V	17.5V ±0.15V	28.0V ±0.15V
Max output power:	4.7W	9.5W	13.1W	16.1W	16.35W
Ripple:	< 100mV p-p				
Efficiency (at 100% load, 230V) approx.:	51%	70%	78%	81%	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 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 x 46.8 x 38.7mm				
Weight:	140g				