

SPECIFICATIONS FOR 2241 LA	6V	12V	24V	36V	48V
Available versions	x				
Input voltage:	90 - 264VAC				
Line frequency:	47 - 63Hz				
Step 1. Charge current: Orange	1.3A +5/-7%	1.0A +5/-7%	0.5A +5/-7%	0.35A +5/-7%	270mA +5/-7%
Step 2. Charge voltage: Orange	7.35V	14.7V	29.4V	44,1V	58.8V
Step 3. Charge termination I <: Green	250mA ±20%			150mA ±20%	100mA ±20%
Standby voltage:	6.85V	13.7V	27.4V	41,1V	54.8V
Max output power:	9,5W	14,7W		15.4W	14.7W
Ripple:	< 100mV p-p				
Efficiency (at 100% load, 230V) approx.:	67%	75%	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				
Recommended battery capacity:	4-12Ah	3-12Ah	1.5-12Ah	1-7.2Ah	
Dimensions:	103.5 x 46.8 x 38.7mm				
Weight:	140g				