

SPECIFICATIONS FOR 2541 LA	6V	12V	24V	36V	48V
Available versions			x		x
Input voltage:	90 - 264VAC				
Line frequency:	47 - 63Hz				
Step 1 Charge current: Orange	2.7A ±0.1A	2.2A ±0.1A	1.2A ±0.1A	0.8A ±0.05A	0.6A ±0.05A
Step 2 Charge voltage:	7.35V ±0.10V	14.7V ±0.15V	29.4V ±0.25V	44.1V ±0.25V	58.8V ±0.25V
- Charge current >: Orange <: Yellow	1.20A ±0.1A	1.00A ±0.1A	0.50A ±0.1A	0.40A ±0.05A	0.25A ±0.05A
Step 3 Charge termination (2) <: Green	250mA				100mA
Standby voltage:	6.85V ±0.10V	13.7V ±0.15V	27.4V ±0.30V	41.1V ±0.30V	54.8V ±0.40V
Max output power:	20W	32W	35W		
Ripple:	<100mV p-p				
Efficiency (at 100% load, 230V) approx.:	78%	84%	87%		
Switch frequency approx.:	40kHz				
Leakage current from battery with mains switched off:	<250µA				
Protection:	Protected against reversed polarity and short circuit proof				
Temperature range:	Operating: ±25 to +40oC / Storage: ±25 to +85oC				
Safety:	EN 62368-1, EN 60601-1, UL 60601-1, EN 60335-2-29				
Insulation class :	Class II				
Insulation voltage: Primary – secondary:	4000VAC / 5656VDC				
EMC standards:	Med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1				
MTBF at Ta = 30oC and full load: Calculated according to MIL – HDBK – 217F	>250 000 hours				
Mains connection:	2-pins IEC 60320 connector. (Exchangeable mains plugs EU, UK, US, AU available on type 2542).				
Output terminals:	Cord with/without plug. Exchangeable plugs available.				
IP-Grade:	41				
Dimensions:	107 x 67 x 37mm (117 x 75 x 44mm for type 2542)				
Weight:	250g (280g for type 2542)				