SPECIFICATIONS FOR 9641 LI

	6V	12V	24V	36V
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
Step 2 Charge voltage	7.35V ±0.10V	14.7V ±0.15V	29.4V ±0.25V	44.1V ±0.25V
- Charge current >: Orange <: Yellow	1.20A ±0.1A	1.00A ±0.1A	0.50A ±0.1A	0.40A ±0.05A
Step 3 Charge termination (2) <: Green	250mA			
Standby voltage	6.85V ±0.10V	13.7V ±0.15V	27.4V ±0.30V	41.1V ±0.30V
Max output power	20W	32W	35W	35W
Ripple	<100mV p-p			
Efficiency (at 100% load, 230V) approx.	0.78	0.84	0.87	0.87
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 × 75 × 44mm for type 2542)			
Weight	250g (280g for type 2542)			

SPECIFICATIONS FOR 9641 LI

	48V
Available versions	x
Input voltage	90 - 264VAC
Line frequency	47 - 63Hz
Step 1 Charge current: Orange	0.6A ±0.05A
Step 2 Charge voltage	58.8V ±0.25V
- Charge current >: Orange <: Yellow	0.25A ±0.05A
Step 3 Charge termination (2) <: Green	100mA
Standby voltage	54.8V ±0.40V
Max output power	35W
Ripple	<100mV p-p
Efficiency (at 100% load, 230V) approx.	0.87
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 × 75 × 44mm for type 2542)
Weight	250g (280g for type 2542)