

	1-cell Li-Ion	2-cell Li-Ion	3-cell Li-Ion	4-cell Li-Ion
Available versions	x			
Input voltage	90 - 264VAC			
Line frequency	47 - 63Hz			
Step 1. Charge current: Orange	1.3A +5/-7%	1.3A +5/-7%	1.2A +5/-7%	0.9A +5/-7%
Step 2. Charge voltage: Orange	4.2V ±0.05V	8.4V ±0.1V	12.6V ±0.1V	16.8V ±0.1V
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
Max output power	5.5W	10.9W	15.1W	15.1W
Ripple	< 100mV p-p			
Efficiency (at 100% load, 230V) approx.	0.58	0.72	0.77	0.8
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			

	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	0.7A +5/-7%	0.6A +5/-7%	0.56A +5/-7%
Step 2. Charge voltage: Orange	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<	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	14.7W	15.1W	16.4W
Ripple	< 100mV p-p		
Efficiency (at 100% load, 230V) approx.	0.82		
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		