

SPECIFICATIONS FOR 2544 LI	1-cell	2-cell	3-cell	4-cell	5-cell
Available versions	x				
Input voltage:	10-30Vdc				
Step 1 Charge current (orange LED):	3A ±0.25A	2.7A ±0.2A	2.3A ±0.2A	2A ±0.15A	1.6A ±0.1A
Step 2 Charge voltage:	4.2V ±0.1V	8.4V ±0.1V	12.6V ±0.1V	16.8V ±0.1V	21.0V ±0.1V
Step 2 Current when LED turns to yellow:	< 1.15A ±25%		< 0.9A ±25%	< 0.85A ±25%	< 0.7A ±25%
Step 3 Current when LED turns to green, Charge termination:	< 0.1A ±25%				
Charge start Vbat<:	4.1V +0/-0.2V or mains turn-on	8.2V +0/-0.2V or mains turn-on	12.3V ±0.15V or mains turn-on	16.4V ±0.15V or mains turn-on	20.5V ±0.2V or mains turn-on
Max output power:	13W	23W	29W	33W	
Leakage current from battery with no input voltage:	< 1mA				
Ripple:	100mV p-p				
Switch frequency approx.:	40kHz.				
Temperature range:	-20 til +40OC (these values are only for the charger, not for the batteries).				
Storage temperature:	-20 til +85OC				
Efficiency (100% load 13.5V input):	Ca. 80%.				
Fuse:	5A fuse on input cable. Polyswitch fuse at the output protects the unit against wrong polarity.				
EMC standard:	EN 61204-3				
Output terminals:	Secondary cable with exchangeable plugs.				
IP-grade:	IP 41.				
Dimensions:	107 x 67 x 36.5mm.				
Weight:	250g.				

SPECIFICATIONS FOR 2544 LI	6-cell	7-cell	8-cell	10-cell
Available versions	x			
Input voltage:	10-30Vdc			
Step 1 Charge current (orange LED):	1.4A ±0.1A	1.2A ±0.1A	1.0A ±0.1A	0.8A ±0.1A
Step 2 Charge voltage:	25.2V ±0.1V	29.4V ±0.1V	33.6V ±0.1V	42.0V ±0.1V
Step 2 Current when LED turns to yellow:	< 0.6A ±25%	< 0.5A ±25%	< 0.4A ±25%	
Step 3 Current when LED turns to green, Charge termination:	< 0.1A ±25%			
Charge start Vbat<:	24.6V ±0.2V or mains turn-on	28.6V ±0.2V or mains turn-on	32.8V ±0.3V or mains turn-on	41.0V ±0.4V or mains turn-on
Max output power:	35W		33W	34W
Leakage current from battery with no input voltage:	< 1mA			
Ripple:	100mV p-p			
Switch frequency approx.:	40kHz.			
Temperature range:	-20 til +400C (these values are only for the charger, not for the batteries).			
Storage temperature:	-20 til +850C			
Efficiency (100% load 13.5V input):	Ca. 80%.			
Fuse:	5A fuse on input cable. Polyswitch fuse at the output protects the unit against wrong polarity.			
EMC standard:	EN 61204-3			
Output terminals:	Secondary cable with exchangeable plugs.			
IP-grade:	IP 41.			
Dimensions:	107 x 67 x 36.5mm.			
Weight:	250g.			