

SPECIFICATIONS FOR 2840 LA	6V	12V	24V	36V	48V
Available versions		x			
Input voltage:	198 - 264VAC				
Line frequency:	47 - 63Hz				
Max output power:	62W	103W		101W	100W
Ripple:	<100mV p-p				
Efficiency (at 100% load, 230V) approx.:	>86%	>89%			
Leakage current from battery with mains switched off:	<0.6mA		<1mA		
Recommended battery capacity:	42.5 – 80 Ah	35 – 80 Ah	17.5 – 40 Ah	11.5 – 25 Ah	8.5 – 20 Ah
Step 1 Charge current: Orange	8.5A +0.1/-0.75A	7.0A +0./-0.7A	3.5A +0/-0.4A	2.3A +0/-0.3A	1.7A +0/-0.3A
Step 2 Charge voltage:	7.35V ±0.05V	14.7V ±0.15V	29.4V ±0.2V	44.1V ±0.2V	58.8V ±0.3V
- Charge current >: Orange <: Yellow	4.25A ±0.2A	3.5A ±0.2A	1.7A ±0.2A	1.1A ±0.2A	0.9A ±0.2A
Step 3 Charge termination (2) <: Green	1.6A ±0.2A		0.8A ±0.2A	0.5A ±0.2A	0.4A ±0.1A
Standby voltage:	6.85V ±0.05V	13.7V ±0.15V	27.4V ±0.30V	41.1V ±0.30V	54.8V ±0.30V
NTC input on request (10K):	0-45°C normal charge <0 or >45°C reduced charge (LED indication is yellow)				
Switch frequency approx.:	65kHz				
Protection:	Protected against reversed polarity and short circuit proof				
Temperature range:	Operating: ÷25 to +40oC / Storage: ÷25 to +85oC				
Safety:	EN 60601-1, EN 60335-2-29				
Insulation class :	Class II				
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC				
EMC standards:	Med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1				
Mains connection:	2-pins IEC 60320/C8 connector. (Non-detachable mains cord on request)				
Output terminals:	Battery clips or DC connector.				
IP-Grade:	IP41 (IP67 on request).				
Dimensions:	135 × 80 × 44mm				
Weight:	540g (1040g IP67 version)				