

14.6V 3A Lead-acid Battery Charger Specification

Brand: QILIPOWER®

Model: **QL1463000**

AC Input: 100~240V

DC Output: 14.6V 3A

Charge Process: Pre-charge, CC, CV and Automatically Cut-off

Charger Indicator: With Double color LED for power capacity show

Output Protections: OVP, OCP, Shorted, Reversed

Safety Approval: CE, UL, TUV, FCC, PSE, CCC

Size: 113*44*30mm

Net Weight: 350g

Adaptor for: 1S 12V Lead Acid Battery Battery, SLA battery, Sealed Lead Acid battery, and Pb-acid/AGM/GEL/VRLA/WET battery

Customized Charger: Acceptable

QL1463000 14.6V3A Charger for 1S 12V Lead-acid Battery		
Item	Specification	Remark
1.Input		
Rating input voltage	100~240 Vac, 50/60 Hz	
Input voltage range	90~264 Vac	
Rating input current	1.0 A/RMS	Input:100V Output: Full load
Max input power	52W	Input:100V Output: Full load
2.Output		
No load output voltage	DC 14.6V	
Output voltage range	DC12V ~ 14.6V	
Charging current	3A ±10%	
Charging voltage	DC 14.6V ±0.2 V	
Pre-charge	0.3A ± 0.4A	Voltage≤10.8V
Charge-end current	≤0.6A±10%	
Suit with battery type	1S 12V Lead-acid Battery	
Timer	-	
Max output power	43.8W	
Ripple voltage	≤150mV	Full load
Power LED	Red	Power on
Charging LED	All off	No battery
	All on (or Green on)	Finished
	All flashing	Error
	Flashing one by one	Charging
Shorted	Yes	
Reversed	Yes	

Efficiency	≥86%	Full load @220V
3.Environment		
Operate temperature	-10 ~ +40℃	
Operate humidity	< +90%	Relative humidity
Storage temperature	-40 ~ +70℃	
Storage humidity	0 ~ +95%	Relative humidity
Cooling	Natural	
Vibration resistance	5MM / 50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition
4.Mechanical		
Net Weight	350g	
Size	113*44*30mm	Casing only
Connector	Refer to order	
5.Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CE/TUV/FCC/PSE/CCC	
MTBF	30000 H	
ESD	8.0 KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	