

Turekey Solution

84W Li-ion Battery Charger

Key performance	
Topological	QR Flyback+ GaN MOS
Input voltage range	90 ~ 264VAC
Output	42V/2A
Max Power	84W
Switching frequency	100KHz
Efficiency	89.5% (90VAC,60Hz)
	94.5% (230VAC,50Hz)
Size	L120mm X W50mm X H32mm
MP	Yes (Hardware and Software version)



泰高技术 in Side

比传统方案体积小1/3

比传统方案效率高4%

比传统方案价格低**10%**

109W Li-ion Battery Charger (符合GB42296-2022标准)

Key performance	
Topological	QR Flyback+ GaN MOS
Input voltage range	176V-264VAC
Output	54.6V/2A
Max Power	109W
Switching frequency	135KHz
Efficiency	93.5% (230VAC,50Hz)
Size	L120mm X W50mm X H32mm
MP	Yes (Software version)



泰高技术 in Side

比传统方案体积小1/2

比传统方案效率高5%

比传统方案价格低**15%**

168W Li-ion Battery Charger (通过GB42296-2022标准)

Key performance	
Topological	PFC+LLC+SR+ GaN MOS
Input voltage range	90 ~ 264VAC
Output	42V/4A , 54.6V/3A
Max Power	168W
Switching frequency	120KHz
Efficiency	92.3% (90VAC,60Hz)
	95.2% (230VAC,50Hz)
Size	L140mm X W62mm X H35mm
MP	Yes (Software version)



泰高技术 in Side

比传统方案体积小1/2

比传统方案效率高7%

比传统方案价格低**20%**

IP57设计, 无风扇

350W Li-ion Battery Charger

Key performance	
Topological	PFC+LLC+SR+ GaN MOS
Input voltage range	90 ~ 264VAC
Output	54.6V/6A, 58.8V/6A
Max Power	350W
Switching frequency	100KHz
Efficiency	92.5% (90VAC,60Hz)
	94.8% (230VAC,50Hz)
Size	L175mm X W82mm X H42mm
MP	Yes (Software version)



泰高技术 in Side

比传统方案体积小1/2

比传统方案效率高7%

比传统方案价格低**30%**

IP5X设计, 无风扇

120W Power Adapter

Key performance	
Topological	PFC+LLC+SR+ GaN MOS
Input voltage range	90 ~ 264VAC
Output	20V/6A
Max Power	150W
Switching frequency	300KHz
Efficiency	92.8% (90VAC,60Hz)
	95.2% (230VAC,50Hz)
Size	L95mm X W50mm X H25mm
MP	Yes (CCC / CB 认证)



240W Power Adapter

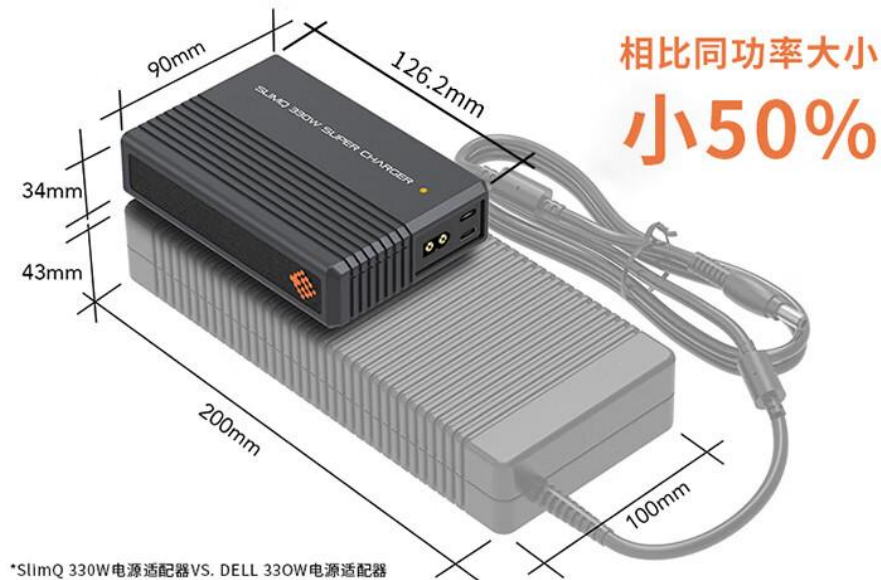
Key performance	
Topological	PFC+LLC+SR+ GaN MOS
Input voltage range	90 ~ 264VAC
Output	20V/12A , 24V/10A
Max Power	260W
Switching frequency	120KHz
Efficiency	93.1% (90VAC,60Hz)
	95.2% (230VAC,50Hz)
Size	L150mm X W50mm X H30mm
MP	Yes (CCC / CB 认证)



330W Power Adapter

Key performance

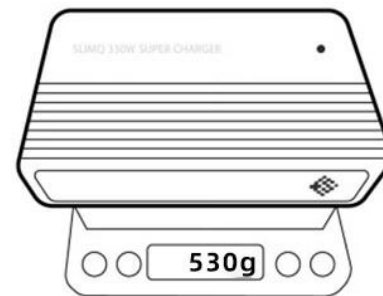
Topological	PFC+LLC+SR+ GaN MOS
Input voltage range	90 ~ 264VAC
Output	20V/16.5A + 2 PD100 TypeC
Max Power	480W
Switching frequency	175KHz
Efficiency	93.5% (90VAC,60Hz)
	95.2% (230VAC,50Hz)
Size	L126mm X W90mm X H34mm
MP	Yes (CCC / CB / UL / TUV 认证)



*SlimQ 330W电源适配器VS. DELL 330W电源适配器

F330比同款笔记本电脑充电器小了50%
重量也轻了50%

尺寸:8.54 x 1.26 x 4.96英寸。(WxHxL)/90 x
32 x 126.2毫米



530g

重量轻

50%

比同等重量轻