



252W

Fan Less Battery Charger

Optimized Charging Curve Design



- ▶ Perfect heat dissipation
- ▶ Operating temperature range: -10 to 40°C
- ▶ Charging efficiency over 94%.
- ▶ Lightweight and compact product dimensions: 177*86*32.2mm / Weight: 660g
- ▶ Output power 252W / Output current 6A / Output voltage 42V
- ▶ Four charging module (Pre-charge, CC, CV, Floating charge)
- ▶ LED charging status design (Standby / Charging / Charged / Abnormal)
- ▶ Wide AC input design: 90-264 Vac
- ▶ Protection: OVP, UVP, SCP, reverse polarity protection, charger OTP, battery OTP, and timing protection
- ▶ EMC: EN55014-1,55014-2; EN61000-3-2,61000-3-3



252W Fan Less Battery Charger

FSP released a new generation 252W mobile charger, FSP252-10S6AC18 with a charging efficiency as high as over 94%. Its optimized charging curve design allows the output voltage to be adjusted through the firmware and can perform charging curve designs based on the customer's selection of whether to use lithium batteries or lead-acid batteries. This product also has a fan-less design that prevents dust from gathering that may cause damage to the internal structure of the product, or creating noises. FSP252-10S6AC18 can support the needs of various battery management systems, and also provides several DC Jack options in order to meet customization needs; it can be used with many battery modules currently available on the market.

Applications

- ▶ **Electric Bicycles**
- ▶ **Electric Motorcycles**
- ▶ **Electric Scooters**
- ▶ **Electric Wheelchairs**

Safety

IEC/EN 60335-1; 60335-2-29

FSP TECHNOLOGY INC.