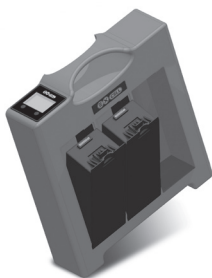


SOLO

Technical Specifications



Physical Parameters

Size	350mm x 330mm x 85mm (inc handle) (W x H x D)
Weight (Complete unit)	7.25 kg (Complete unit with 3 x rechargeable battery packs) 1.95 Kg (Power Pack)
Construction	ABS polycarbonate mix

Electrical Specification

Battery technology	Lithium Ion
Capacity	3 packs: 21.6V @15.6Ah ~72 Ahr - (Complete unit) ~24 Ahr (Power Pack)
Recharge Time	Approximately 4 hours per Power Pack using the supplied charger Warning – Use only the supplied charger
Input Voltage (Charger)	100 - 240 V AC
Main output	Power: 13.6V +/- 0.05 V, Current: 6 A

Interfaces

Status	128*64 LCD display for status & control
USB output (*2)	Power: 5V+/-0.25V Current: 2 A Compliant with: USB Battery Charging Specification, Revision 1.2 (BC1.2) Chinese Telecommunications Industry Standard YD/T 1591-2009 Divider Mode
Vehicle charging socket	

Environmental

Operating temperature	0°C to 30°C
Storage temperature	-20°C to 60°C
Relative humidity	0 to 95% non-condensing



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Operational Protection

Current limit	Electronically limited at 6 A (2.0A for USB outputs)
Over voltage	Unit shutdown if output voltage reaches TBC (5.5 V for USB output)
Cooling	In-built fan
Thermal protection	Unit shutdown in case of overheating
Under voltage	Output remains off if vehicle battery voltage is less than 8 V
In-line fuses	Output cabling is fused for protection purposes at vehicle battery

Declaration of conformity

The described product is in conformity with the provisions of the following European directives:

- 89/336/EEC Council directive on the approximation of the law of the Member States relating to electromagnetic compatibility. Amended by 91/26/EEC, 92/31/EEC & 93/68/EEC
- 73/23/EEC Low Voltage equipment Directive
- 2002/95/EC RoHS (Restriction of Hazardous Substances) Directive
- (EC) 1907/2006 REACH (Registration, Authorisation and Restriction of Chemicals) Regulation

Assurance of conformance of the described product with the provisions of the stated EC-Directives is given through the conformity of the following standards:

Electromagnetic Compatibility	EN61000-6-3: 2007 + A1 2011 EN61000-6-4: 2007 + A1 2011
Emissions	EN 55022 (Radiated) Class B EN 55022 (Conducted) Class B
Immunity	EN 61000-6-2:2005 EN 61000-4-2: 2009 EN 61000-4-4: 2012 IEC 61000-4-6: 2009 IEC 61000-4-3: 2006 +A2:2010 IEC 61000-4-5: 2006

Solo case and Powerpacks manufactured in the EU.

Safety Compliance

This unit satisfies the requirements of safety standard BSEN 60950-1:2006 + A12:2011 when used accordance with the product documentation.