

DBL 500 Series

BATTERY CHARGER

FEATURES

- Short circuit and reverse polarity protection
- Protection of on board electronic system
- Protective functions against defect batteries
- Reliable sparking suppression
- Mini USB for an optional firmware update



SPECIFICATIONS

INPUT

Input voltage range	100-240VAC
Frequency	45-65Hz
Inrush current	No inrush current
Efficiency	91%

ENVIRONMENTAL

Ambient temperature operating	-25°C...+65°C
Storage temperature	-40°C-85°C
Humidity	95%
Cooling	Temperature protection

MECHANICAL

Case	Metal (Aluminium), especially designed for car manufacturer
Dimensions	164x347x84mm
Weight	4.8kg

OUTPUT

Output voltage	See table
Output current	See table
Current Limiting	Yes

STANDARDS & APPROVALS

Electrical safety	EN60950, EN50178, GOST
EMC	EN55011 Class B, EN61000-6-2
HF-Emission	EN55011
Immunity	EN61000-6-2
Safety	EN60950, EN50178
Insulation voltage	EN60950
Overvoltage category acc.IEC60664-1	EN60950
Degree of protection	IP40

SELECTION TABLE

MODEL NO	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	POWER
DBL500-14/LTC	100-240VAC	14.4VDC	36A	<150mVp-p	518.4W

TECHNICAL ILLUSTRATIONS

