

DBC™ Series. Advanced 7-step Battery charger

DBC™ Series – XUNZEL

7-stage digital chargers for lead-acid (Pb) and calcium rechargeable batteries.

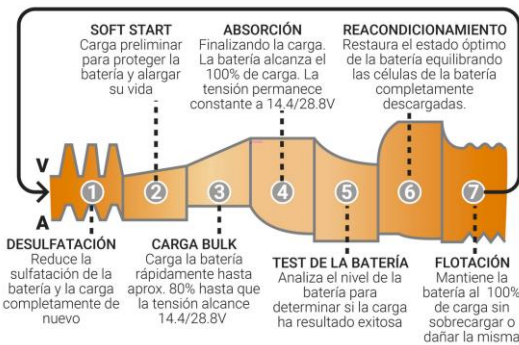


DBC1205
150W - 12V
Recommended range: 30 to 100Ah (12V)

Description

- The DBC™ series are 7-stage digital battery chargers that provide the best performance.
- Make sure your rechargeable batteries are always charged in the best condition.
- Designed to optimally charge lead-acid Pb (GEL, AGM, Flooded-WET, MF) and Calcium rechargeable batteries.
- Intelligent multi-stage charging algorithm for optimal charging and longer battery life with temperature compensation.
- High efficiency chargers with very low return current.
- Robust, compact and lightweight design allows them to fit neatly into any space.
- Easy and safe to use with strong, protected battery clamps
- High efficiency. Very low self-consumption. Microcontroller based, get the most out of your batteries.
- Models for 12V and 24V batteries and battery banks.
- Clear LED display for easy and fast reading of the status.
- Safe and reliable. With integrated temperature compensation system and complete automatic electronic protections.

DIGITAL / AUTOMÁTICO



CARGADOR DE BATERÍAS AUTOMÁTICO DE 7 ETAPAS DIGITAL

7-STEPS

Models:

- **DBC-1205** battery charger 12V | 150W | Recommended range: 30-100Ah
- **DBC-1210** battery charger 12V | 300W | Recommended range: 70-200Ah
- **DBC-1220** battery charger 12V | 550W | Recommended range: 130-400Ah
- **DBC-2410** battery charger 24V | 550W | Recommended range: 70-200Ah

XUNZEL™ reserves the right to make changes and improvements without prior notice.

Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications



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Specifications

Model	DBC-1205	DBC-1210	DBC-1220	DBC-2410
Code Part Number	CARBA1205	CARBA1210	CARBA1220	CARBA2410
Nominal Power	150W	300W	550W	550W
Battery Voltage	12V	12V	12V	24V
Battery type	Lead-acid Pb (GEL, AGM, Flooded, WET, MF) and Calcium			
Recommended battery capacity range	min. 30Ah, max. 100Ah	min. 70Ah, max. 200Ah	min. 130Ah, max. 400Ah	min. 70Ah, max. 200Ah
Input (AC)	220~ 240VAC, 50Hz			
Output (DC)	Normal: 14.4V Float: 13.8V			Normal: 28.8V Flotación: 27.6V
Charge current (DC)	5A max. till 14.4V Absorption: 0.75A	10A max. till 14.4V Absorption: 1.50A	20A max. till 14.4V Absorption: 3.0A	10A max. till 28.8V Absorption: 1.50A
Charge control	Test battery 90 sec. LED Display Reacond. (max. 4 horas) – limited to 16V / 32V			
Operation Temperature	-20°C to +50°C (90%RH) Automatic Temperature Control Fan			
Dimensions (mm)	190 x 115 x 62	190 x 115 x 62	215 x 115 x 62	215 x 115 x 62
Weight (kg)	0,98	0,98	1,20	1,20
Overvoltage protection	17.5V			35.0V
Protection degree	IP23			
Certifications	UKCA, CE, RoHS			



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