



(Bio)Diesel Battery Charger Specifications _____

Introduction

Diesel battery chargers, DBC, are engine and alternators system designed to charge batteries efficiently with direct DC. Engines can be operated on regular petroleum diesel, or clean bio-fuels.

Part numbers are given with a prefix of DBC followed by 2 digits indicating the voltage of the energy battery, followed by a hyphen and the charge current capability.

The DBC series of products include the EnerMatic controller Review its data sheet and specifications for further detail. The engine is pre-wired with a mating connector to plug into the EnerMatic Controller.

The standard DBC is built on an open frame with vibration dampeners attached. Any enclosure may be optionally available.

Power limiting is set by the EnerMatic Controller and user programmable. Operating RPM can be changed manually and power limit adjusted accordingly. Higher RPM allows more electrical power to be delivered, while lower RPM will require a lower power limit.

Specification Table

Voltage	Current Amperes	Engine Kubota	RPM	Length Inches(mm)	Width Inches(mm)	Height Inches(mm)	Weight Lbs(kg)
12	150	EA-330	2900	30(76)	16(40)	16(40)	156(71)
12	280	D602	2600	20(51)	18(46)	24(61)	201(91)
24	75	EA-330	2900	30(76)	16(40)	16(40)	161(73)
24	175	D602	2600	20(51)	18(46)	24(61)	212(96)
24	300	D1105	2600	29(64)	30(76)	26(66)	290(132)
48	100	D602	2800	20(51)	18(46)	24(61)	220(100)
48	200	D1105	2600	29(64)	30(76)	26(66)	302(137)

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