



ALTERNATORS

2" SPOOL MOUNT | BRUSHLESS

100-12 BRUSHLESS

PRODUCT FEATURES

- Ideal for hazardous environment applications
- Extended life, compared with brush type
- Heavy duty bearings
- 12V or 24V, Insulated or Negative
- 1-Wire, 3-Wire or Remote Regulator
- Optional debris/chaff shield available

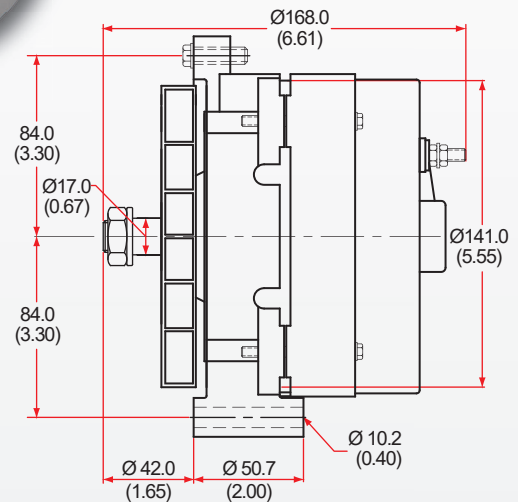
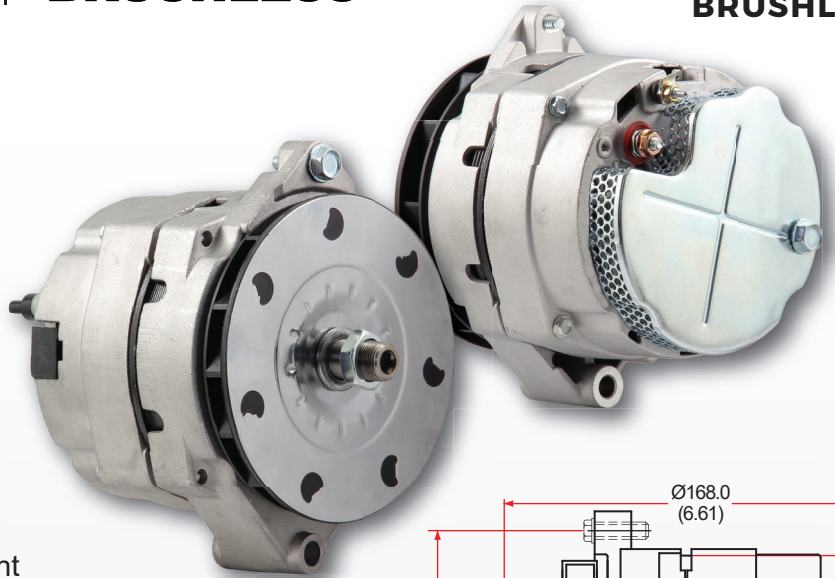
Replaces:

- Delco Remy 10Si, 12Si, 2" Spool Mount
- Prestolite 8MR Series, 2" Spool Mount
- Bosch K1 Series (484, 488, 489) 2" Spool Mount

These brushless alternators, meet the marine requirements for Ignition Protection on gas or diesel engines of ISO 8846, USCG, stated in Title 33 CFR 183.410, SAE J1171 and International CE Standards.

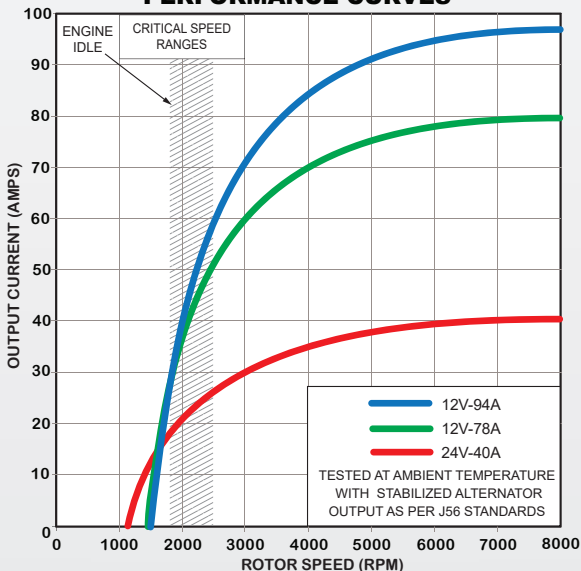
Recommended for:

- Agricultural
- Industrial
- Marine
- Construction
- Mining
- Other special applications



* Dimensions are listed in millimeters over (inches)

PERFORMANCE CURVES



Part Number	Volts	Amps	Description	Connections
100-12100	12V	78A	3-wire, Neg. Grd.	Fig. No.1
100-12101	12V	78A	3-wire, Ins. Grd.	Fig. No.2
100-12102	12V	94A	3-wire, Neg. Grd.	Fig. No.1
100-12103	12V	94A	3-wire, Ins. Grd.	Fig. No.2
100-12104	12V	94A	1-wire, Neg. Grd.	Fig. No.3
100-12105	12V	94A	1-wire, Ins. Grd.	Fig. No.4
100-12106	12V	94A	3-wire, Neg. Grd. w/ Debris Screen	Fig. No.1
100-12200	24V	40A	3-wire, Neg. Grd.	Fig. No.1
100-12201	24V	40A	3-wire, Ins. Grd.	Fig. No.2
100-12202	24V	40A	1-wire, Neg. Grd.	Fig. No.3
100-12203	24V	40A	1-wire, Ins. Grd.	Fig. No.4

*For more information & updates, visit our website's e-Cat: www.dixie-electric.com/catalogue

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ELECTRICAL SCHEMATICS & WIRING CONNECTIONS

Fig. No. 1
3-wire (Negative)

Part Number	Volts	Amps	Connections	ClockPos
100-12100	12V	78A	Fig. No.1	12:00
100-12102	12V	94A	Fig. No.1	3:00
100-12106	12V	94A	Fig. No.1	12:00
100-12200	24V	40A	Fig. No.1	12:00

*With Debris Shield

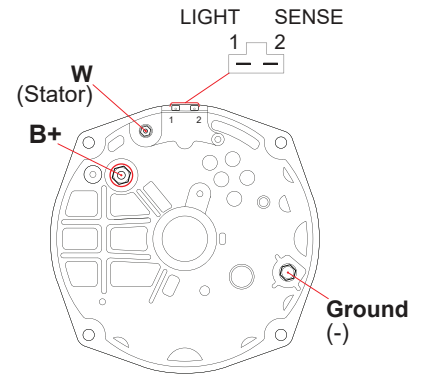
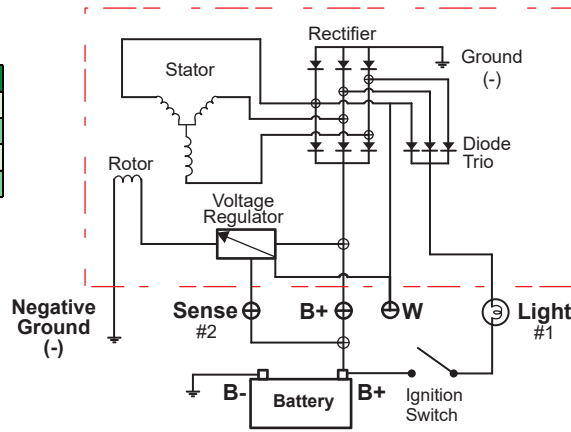


Fig. No. 2
3-wire (Insulated)

Part Number	Volts	Amps	Connections	ClockPos
100-12101	12V	78A	Fig. No.2	3:00
100-12103	12V	94A	Fig. No.2	3:00
100-12201	24V	40A	Fig. No.2	3:00

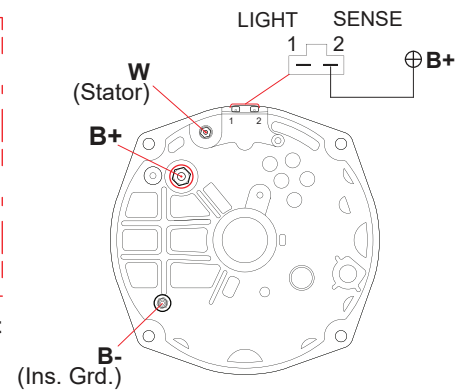
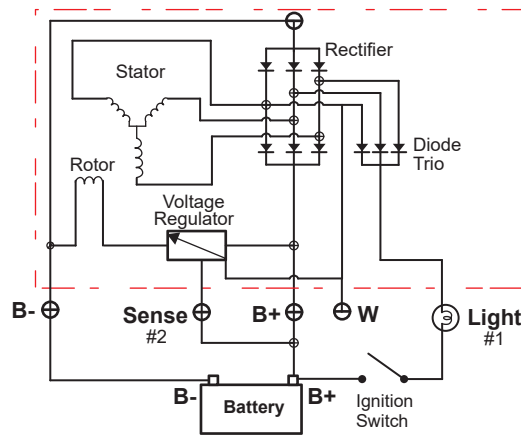


Fig. No. 3
1-wire (Negative)

Part Number	Volts	Amps	Connections	ClockPos
100-12104	12V	94A	Fig. No.3	12:00
100-12202	24V	40A	Fig. No.3	3:00

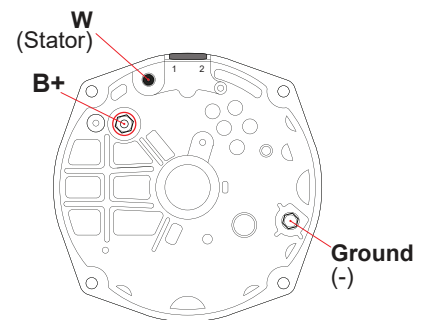
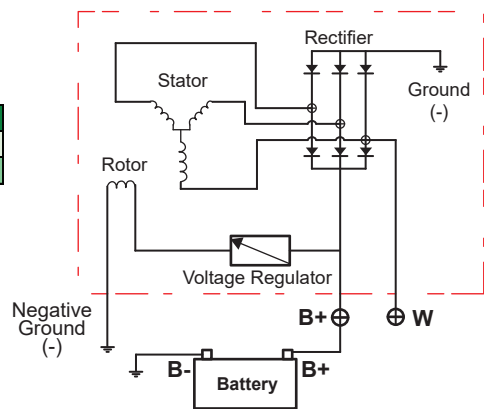


Fig. No. 4
1-wire (Insulated)

Part Number	Volts	Amps	Connections	ClockPos
100-12105	12V	94A	Fig. No.4	3:00
100-12203	24V	40A	Fig. No.4	3:00

