

BRIGGS & STRATTON ALTERNATOR CHART



DC only Alternator

0.5 Amp DC unregulated
Output @ 2800 rpm

Engine
97700
99700
100600
100800
110000
120000

White Connector
1 Black Wire

691991 Since 1999
794103 Alternator outside the flywheel

0.5 Amp DC unregulated

White Connector
1 Red Wire

791743 Since 2007

1.5 Amp DC unregulated

White Connector
1 Black Wire

Diode 391507

793640 Since 2007

1.2 Amp DC unregulated

Red Connector
1 Black Wire

494254 Since 1988

3 Amp DC unregulated

Diode 391507

Red Connector
2 Red Wires, 1 Black Wire

394250 Since 1979

System 3® / System 4®

0.5 Amp DC unregulated
Output @ 2800 rpm

White Connector
1 Black Wire

397880 Since 1981
Alternator outside the flywheel

3 Amp DC unregulated

Diode 391507

Red Connector
1 Red Wire

695730 Since 2000

2 - 4 Amp DC unregulated

White Connector
1 Red Wire

Diode 391507

694457 Since 1999

2 - 4 Amp DC unregulated

Red Connector
1 Red Wire

Diode 391507

696578 Since 1973

2 - 4 Amp DC unregulated

Red Connector
1 Red Wire

Diode 391507

393809 Since 1978

AC only Alternator

14 Volts AC
unregulated

White Connector
1 Black Wire

391595 Since 1974
Small magnets

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

White Connector
1 Black Wire, 1 Red Wire

Diode 391507

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

698230 Since 2002

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

White Connector
1 Black Wire, 1 Red Wire

Diode 391507

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

696742 Since 2002

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

Diode 391507

White Connector
1 Black Wire, 1 Red Wire

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

696459 Since 2007

2 - 4 Amp DC / 5 Amp AC
14 Volts AC unregulated

Diode 391507

White Connector
1 Black Wire, 1 Red Wire

790292

2 White Connectors
1 Red Wire
1 Yellow Wire
1 Black Wire

793118
795498 Since 2007

4 Amp Regulated Alternator

4 Amp DC regulated

Brass Connector
Plastic sleeves Green Wires to regulator,
1 Green, 1 Red between Armatures

715200

Yellow Connector
1 Red Wire, 2 Green Wires, 1 Black Wire

715255 Since 1994
Small magnets

5 or 9 Amp regulated, Tri-circuit

Green Connector
1 Black Wire

698315

Green Connector
1 Yellow Wire
Red Connector 1 Red Wire
Small magnet: 28 Volts AC
5 Amp DC regulated
Large magnet: 40 Volts AC
9 Amp DC regulated

691188
794360

698314 Since 2002

5 or 9 Amp Regulated or Tri-circuit Alternator

Green Connector
Black Wire

691955

Diode 391507

Tri-circuit Diode Wire
Green Connector
with 2 diodes leading to 1 Red Wire and
1 White Wire
Red Wire = 2.5 Amp DC unregulated for
battery charge
White Wire = 2.5 Amp DC negative for lights

691188
794360

Green Connector 1 Yellow Wire
Red Connector 1 Red Wire
Small magnet: 28 Volts AC
5 Amp DC regulated
Large magnet: 40 Volts AC
9 Amp DC regulated

698315

691188
794360

696457 Since 1988 (5 & 9 Amp)
1976 Tri-circuit

10 Amp Alternator

10 Amp DC regulated

Yellow Connector
2 Black Wires

691185

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

695466 Since 2000
Small magnets

10 Amp DC regulated
High Output

Black Connector
2 Black Wires

790325

2 Black Connectors
2 Black Wires, 1 Red Wire

790320 Since 2004

10 Amp DC regulated

Yellow Connector
399916 to be ordered separately
Green Wires

691185

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

715194 Since 1974
Medium magnets

10 Amp DC regulated

No Connector
2 Black Wires

715798 Since 2001

10 Amp DC regulated

Yellow Connector
399916 Shipped loose
2 Green Wires

691185

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

715262 Since 1988

13 Amp Power Link™ Alternator

115 Volts 60 Hz,
13 Amp DC regulated

White Connector
Black Connector
Heavy shielded wires

691573

White Connector
2 Yellow Wires
1 Red Wire

697261

Orange Connector
1 Orange Wire
Black Connector
1 Black Wire

697992

White Sheath 1 Blue Wire
White Connector 2 Red Wires
Black Connector
White Connector
Yellow Sheath 1 White Wire,
1 Black Wire, 1 Green Wire

697810 Since 2002

115 Volts 60 Hz,
13 Amp DC regulated

White Connector
2 Yellow Wires
Black Connector
2 Red Wires, 1 Green Wire

697261

Orange Connector
1 Orange Wire
Black Connector
1 Black Wire

691573

White Connector
2 Yellow Wires,
1 Red Wire

697992

White Connector 1 Blue Wire,
White Connector 2 Red Wires,
Black Connector
White Connector
Yellow Sheath 1 White Wire,
1 Black Wire, 1 Green Wire

841588 Since 2007

115 Volts 60 Hz,
13 Amp DC regulated

Yellow Connector
2 Yellow Wires
Red Connector
1 Red Wire

691185

Connector: Orange
1 Orange Wire
Black Connector
1 Black Wire

697261

White Connector 1 Blue Wire
White Connector 2 Red Wires
Black Connector
White Connector
Yellow Sheath 1 White Wire,
1 Black Wire, 1 Green Wire

841833 Since 2007

115 Volts 60 Hz,
13 Amp DC regulated

White Connector
2 Yellow Wires
Black Connector
2 Red Wires, 1 Green Wire

697261

Orange Connector
1 Orange Wire
Black Connector
1 Black Wire

809176

White Connector 1 Blue Wire
White Connector 2 Red Wires
Black Connector
White Connector
Yellow Sheath 1 White Wire,
1 Black Wire, 1 Green Wire

809175 Since 2007

10, 13 and 16 A DC Regulated or Quad Circuit Alternator

10, 13, 16 Amp DC regulated, Quad-Circuit
(regulated battery charge but unregulated lights)

Yellow Connector
2 Black Wires

691185

Yellow Connector 2 Yellow Wires
Red Connector 1 Red Wire

493219

Small Magnets = 20 Volts AC @ stator and
10 Amp DC regulated
Medium Magnets = 20 Volts AC @ stator and
13 Amp DC regulated
Large Magnets = 30 Volts AC @ stator and
16 Amp DC regulated

808877

Yellow Connector 2 Yellow Wires
White Connector
1 Brown Wire
1 Orange Wire
1 Red Wire

397809

Yellow Connector 2 Yellow Wires
Double White Connector
1 Red Wire (charge indicator light)
1 Blue Wire (charge indicator light)

White Connector
Black Wire = 8 Amp DC unregulated for lights
Red Wire = 8 Amp DC regulated for battery
Small magnets Quad Circuit
20 Volts AC @ stator

696458 Since 1978
13 A Since 1979
16 A Since 1983
Quad Circuit Since 1984

14 Amp DC regulated

2 Blue Wires

White Connector
1 Red Wire
1 Black Wire
2 Yellow Wires
1 Green Wire

825004 Since 1998

20 Amp DC regulated

White Connector
2 Yellow Wires, 1 Red Wire

691362

1 Red Wire

691573

White Connector
2 Yellow Wires
1 Red Wire

696578 Since 1995
Large magnets

20 Amp DC regulated

Black Connector
2 Black Wires

790325

2 Black Connectors
2 Black Wires
1 Red Wire

793660

793658
795498 Since 2007

20 - 50 Amp Regulated/ Inverter Alternator

20 - 50 Amp DC regulated

2 White Connectors
2 Yellow Wires each

841170

2 White Connector
4 Yellow Wires, 1 Red Wire

841178 Since 2004

40 Amp DC regulated

825084 Since 2000
825524 Since 2002

60 Amp DC regulated

825479 Since 2002
825577 Since 2002

Flywheel / Magnets

For Engine Series V TWIN VANGUARD™:

- **SMALL:** 7/8" x 11/16" (22 x 18 mm)
- **MEDIUM:** 1-1/16" x 11/16" (27 x 18 mm)
- **LARGE:** 1-1/16" x 15/16" (27 x 24 mm)

- **SMALL:** 7/8" x 21/32" (22 x 17 mm)
- **MEDIUM:** 7/8" x 29/32" (22 x 23 mm)
- **LARGE:** 1-3/32" x 29/32" (28 x 23 mm)

Note : Unless specified, all tests must be carried out with the engine running at 3600 rpm.
The values indicated are minimum values. If the value measured is lower than
indicated a repeat test is advised before proceeding any further.

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