

94-Series Alternators

Delco-style, 2" single foot alternators feature oversized components for superior cooling and longer life. Rugged cast aluminum cases. Extra-heavy custom windings deliver excellent low-rpm output response. A proven workhorse in systems supplying larger battery banks and house electrical loads. Alternator dimensions on rear cover of product guide. Limited one year warranty.

Series Specifications:

Mounting Style: 2" Single Foot

Cooling: Bi-Directional External Fan

Outputs: AC (Tach), Positive Output, Isolated Ground

Regulation: External Field Connection

Maximum RPM: 6,500

Pulley: Anodized Steel Dual Sheave

Model	Amps	Mounting Style	Volts	Min. Belt Width
94-165-IG	165	Single 2" Foot	12	.50"(2)
94-210-IG	210	Single 1" Foot	12	.50"(2)
94-24-140-IG	140	Single 2" Foot	24	.50"(2)



Amp/Volt Rating	Cold/Hot Output (Amps @ Alternator RPM - Hot In RED)									
	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
165A/12V	18	74	101	119	124	130	135	139	145	150
	17	54	79	91	102	108	114	120	121	122
210A/12V	19	43	89	124	143	159	168	175	181	185
	15	37	78	115	120	135	140	151	154	156
140A/24V	5	12	37	54	66	85	101	114	121	132
	5	11	35	49	60	78	93	100	105	111

95-Series Alternators

Originally designed for punishing military use, the 95-Series has proven itself in the field and on the water. Heavy windings, high-amperage diodes and sealed, extra-large bearings combine for exceptional performance. Bi-directional fan for clockwise or counter-clockwise engine rotations. Limited one year warranty.

Series Specifications:

Mounting Style: J-180 Style 4"ID Saddle Mount

Cooling: Bi Directional External Fan / External Rectifier Plate

Outputs: AC (Tach), Positive Output, Isolated Ground

Regulation: External Field Connection

Maximum RPM: 6,500

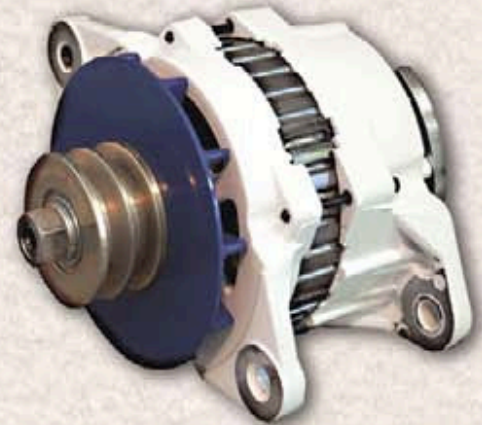
Pulley: Anodized Steel Dual Sheave

Case: Powdercoated Cast Aluminum

Alternator Dimensions: See Rear Cover Of Product Guide

Stator Poles: 14

Model	Amps	Mounting Style	Volts	Min. Belt Width
9504-150-IG	150	J-180 4"ID Saddle	12	.50"(2)
9504-165-IG	165	J-180 4"ID Saddle	12	.50"(2)
9504-210-IG	210	J-180 4"ID Saddle	12	.50"(2)
9504-24-80-IG	80	J-180 4"ID Saddle	24	.50"(2)
9504-24-140-IG	140	J-180 4"ID Saddle	24	.50"(2)



Amp/Volt Rating	Cold/Hot Output (Amps @ Alternator RPM - Hot In RED)									
	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
150A/12V	24	70	98	106	125	133	135	142	144	145
	22	55	79	98	110	115	118	118	122	123
165A/12V	18	71	100	118	122	130	133	140	144	151
	19	53	79	92	101	110	116	118	120	124
210A/12V	18	42	94	125	142	160	168	175	180	187
	16	37	80	116	121	135	142	150	155	165
80A/24V	12	31	50	62	71	76	78	80	82	84
	10	25	38	55	63	69	70	72	73	74
140A/24V	—	10	36	54	67	88	103	111	118	126
	—	10	36	51	63	79	93	104	109	115

Repowering your vessel? Balmar high-output alternators may be available pre-installed by your engine manufacturer or engine distributor with additional warranty protection. Contact your engine supplier for more details.