



TECHNICAL DATA SHEET

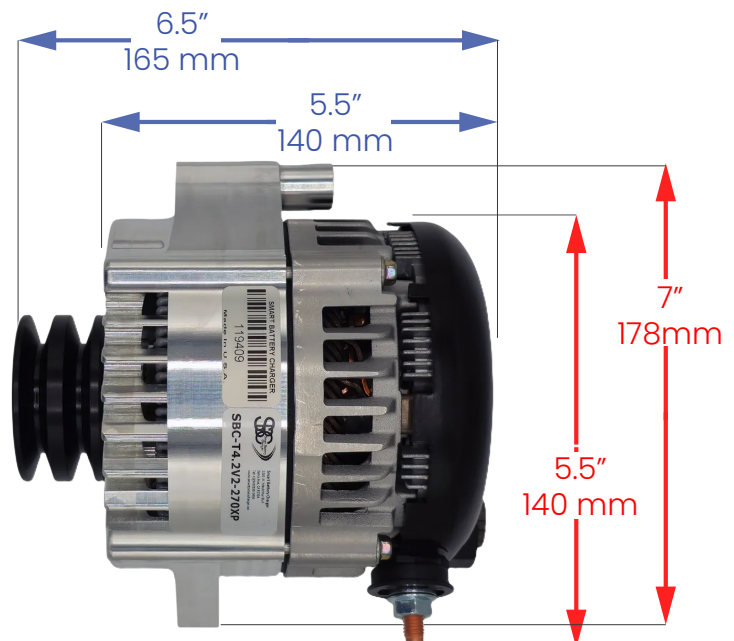
XP-SERIES

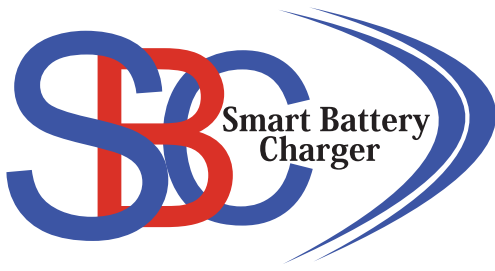
TOYOTA 1HZ

4.2L Diesel

SBC-T4.2V2-250XP
SBC-T4.2V2-270XP
SBC-T4.2V2-350XP
SBC-T4.2V2-390XP

Output Voltage	12
Maximum Amperage	251 - 392
Amps @ Normal Engine Idle	186 - 220
Amps @ High Engine Idle	200 - 235
Mounting	OEM Mounting Direct Bolt-in
Rotation	Clockwise
Housing Material	6061 Aircraft Grade Aluminum
Pulley Diameter	2.92" (74.19 mm)
Pulley Material	Steel
Output Stud	M8 x 1.25
Ground	Case
Regulation	Internal
Regulator	Toyota 4 Pin (Plug Code 917)
Excitation	Self-excited
Net Weight	16 lbs (7.3 kg)
Gross Weight	18 lbs (8.1 kg)





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		OEM Alternator		SBC XP Series Alternators							
		Net Output	Gross Output	250 XP		270 XP		350 XP		390 XP	
Engine Speed	Vehicle Demand			Net Output	Gross Output	Net Output	Gross Output	Net Output	Gross Output	Net Output	Gross Output
650 RPM Idle A/C Off	90	0	90	96	186	110	200	120	210	130	220
750 RPM Idle A/C On	130	10	140	70	200	85	215	95	225	105	235
Normal Driving	130	20	150	121	251	143	273	221	351	262	392

