



School Bus

Tech Specs

SPECS

System Voltage	12V
Temperature Rating	-40°C to 125°C
Mounting	J180 Hinge Mount Pad Mount
Rotation	Clockwise
Weight	210-Amp, 21 lbs.; 220-Amp, 39 lbs.; 240-Amp, 39 lbs.; 280-Amp, 39 lbs.; 325-Amp, 39 lbs.; 350-Amp, 39 lbs.; 420-Amp, 40 lbs.
Warranty	School Bus Applications, 3-Year/Unlimited-Miles*

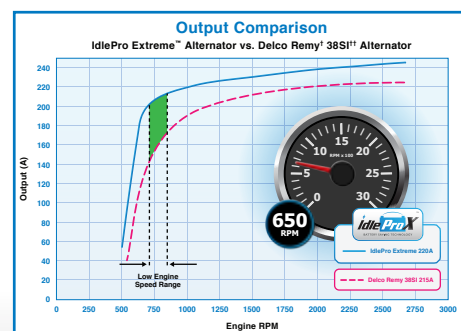
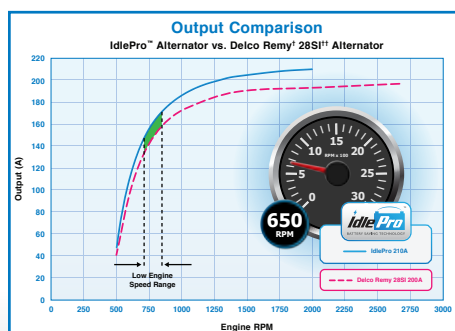


Bus Alternator Application Chart

MINIMUM AMP	SCHOOL BUS APPLICATION	PART #	TYPE OF MOUNTING
210	Min loads for 2002 and earlier	A160207 A160208	Pad Mount J-180 Mount
240	Min loads for 2007 and later 1 A/C load for 2002 and earlier	A160203 A160204	Pad Mount J-180 Mount
280	1 A/C load for 2007 and later	BLP4009	Pad Mount
325	2 A/C loads for 2007 and later and other combinations	BLP4002H	Pad Mount
350	3 A/C, Extensive ADA Ride Share. Note: 420 amp available	BLP4004H	Pad Mount

Output Curves

The alternator on a school bus spends the vast majority of its working life operating at very low speeds. Most school bus alternators usually operate at about 2,000 RPM and seldom get above 4,000 RPM. The only important rating is the amount of power that the alternator can produce while the engine is idling. Don't be misled by posted "maximum RPM ratings" that the unit and application will never be able to achieve.



* Check with your Prestolite representative for more details

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Contact Your Sales Representative Today!



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Engine Size	Up to 11L, 12V
Rotation	Clockwise
Mounting	SAE #1, SAE #3
Pinion Data	M105322, 13 Tooth, 82.5°
	M105601, 12 Tooth, 319°
	M105602, 12 Tooth, 82.5°
	M105603, 11 Tooth, 49°
	M105610, 10 Tooth, 319°
	M105611, 10 Tooth, 127.5°
	M105612, 12 Tooth, 127.5°
	M105613, 12 Tooth, 82.5°
	M105615, 11 Tooth, 52.5°
	M105617, 10 Tooth, 292.5°
	M105618, 11 Tooth, 52.5°
	M105352, 11 Tooth, 240°
Output	12V peak at 5kW
Weight	Less than 29 lbs.
Warranty	Truck Applications, 1-Year/150,000-Miles*/ 3-Year/350,000-Miles* with OCP



PowerPro Starters

SALES #	VOLTS	MOUNT	FLANGE POS	SWITCH POS	PINION PITCH	PINION OD MM	PINION TEETH
M105322	12	SAE3	82.5°	-45°	8/10	46.3	13
M105601	12	SAE1	319°	45°	10/12	37.23	12
M105602	12	SAE3	82.5°	45°	8/10	46.5	12
M105603	12	SAE1	49°	-90°	8/10	43.5	11
M105610	12	SAE1	319°	45°	8/10	39.9	10
M105611	12	SAE1	127.5°	45°	8/10	39.9	10
M105612	12	SAE1	127.5°	45°	8/10	46.6	12
M105613	12	SAE3	82.5°	90°	8/10	46.6	12
M105615	12	SAE3	52.5°	45°	6/8	57.4	11
M105617	12	SAE3	292.5°	-90°	8/10	39.8	10
M105618	12	SAE3	52.5°	45°	6/8	57.4	11
M105352	12	SAE1	240°	-160°	8/10	43.37	11

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