

# IdlePro™ 24V Alternators

## High Amp, High Efficiency Design

70% of Rated Max Output at Engine Idle\*  
Available in 120- and 180-Amp Versions

Featuring an array of cutting-edge technologies, IdlePro 24V alternators from Leece-Neville Heavy Duty Systems are engineered to deliver industry-best output at low engine speeds, while improving electrical system and engine performance. These high-efficiency alternators are ideal for use in high-heat applications and under other extreme conditions where consistent, high-output power is a must. IdlePro 24V alternators are designed to reduce vehicle downtime, lower maintenance costs and extend service life.



### FEATURES

### BENEFITS

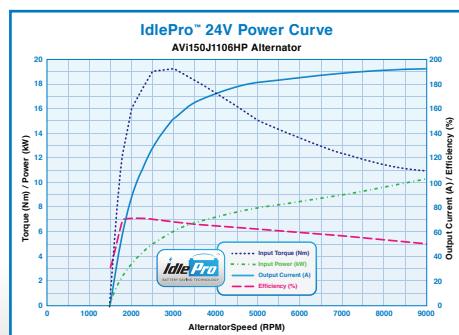
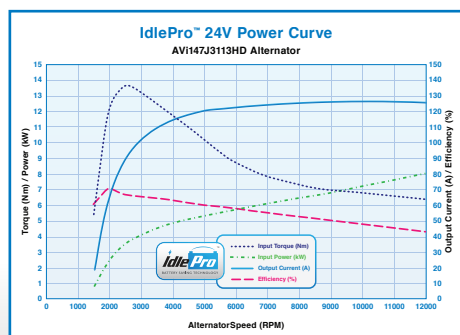
<b>Dual Internal Fan Design</b>	Maintains optimum bearing temperatures during operation & minimizes heat damage for longer service life
<b>Premium Brushed Design</b>	Durable design for a wide range of operating conditions
<b>Improved Output at Low-Engine Speeds</b>	Minimum of 70% output of unit's rated maximum output at engine idle* enables efficient, battery-saving performance
<b>Remote Sense Capable</b>	Reduces battery charge time & returns battery to a full state of charge between vehicle stops
<b>Premium eCoated Heavy Duty Housing</b>	Offers superior corrosion resistance & improves durability & performance in extreme operating environments

### APPLICATIONS

- Agriculture
- Construction
- Bus & Coach
- Industrial

### SPECS

<b>System Voltage</b>	24V
<b>Temperature Rating</b>	120-Amp, -40°C to 110°C 150-Amp, -40°C to 115°C
<b>Diodes</b>	12*
<b>Lamp Driver</b>	High or low side
<b>Mounting</b>	J180 Hinge Mount Lug Mount Pad Mount Spool Mount Swing Mount
<b>Rotation</b>	Clockwise
<b>Weight</b>	120-Amp, 18 lbs. 180-Amp, 19.6 lbs.
<b>Warranty</b>	1-Year/150,000 Miles**



\* Certain models \*\* Check with your Prestolite representative for more details

## IdlePro™ 24V Competitive Interchange Data

### AVi147S3103HD

Sales # A147S303, 24V, 120 Amps, 80mm Spool Mount, 17mm Shaft, 8.2mm Shaft Length, Bi-Directional Fan, 205mm Overall Length

BMC	ISUZU	MAN-18T, 24T, 26T, 28T, 33T, 35T, 41T SERIES	TGA SERIES	SOLARIS
0124555014	0986047430 (80A)	0124655025 (For trucks only.)	51261017253	51261017259 51261017268 51261017269 860811 387025047001

### AVi147S3108HD

Sales # A147S308, 24V, 120 Amps, Swing (RH) Mount, 17mm Shaft, 8.2mm Shaft Length, 8pk 55mm Pulley, Bi-Directional Fan, 221mm Overall Length

IVECO	EUROCARGO	OPTARE	SOLO (CUMMINS ENGINE)	CUMMINS
4892318	4892320	9805160	42498713 0124555005	0124655005 986045430 BX4516 BX4543 CA1699IR CA1812IR DBR5160 LRA02535 LRA02536

### AVi147J3110HD

Sales # A147J310, 24V, 120 Amps, J180 Mount, 17mm Shaft, 8.2mm Shaft Length, Bi-Directional Fan, 205mm Overall Length, Sliding Bush

VOLVO	FH12	FM9	FM12	B7	B9	B12	RENAULT	KERAX	MAGNUM
0124555009	0124555017	0124555020	0124655008	0124655012	0124655013	0986046290	0986047440	20409228	20409240 20466315 20466317 20849350 20849351 20850236 21429786 21429786 20850236 5010589551 5010589555 7420409228 85000626 85000628 85000629 85000257 85000629 986047440 5010589525 5010589555 7420409228 BX4629 BX4744

### AVi147J3120HD

Sales # A147J320, 24V, 120 Amps, J180 Mount, 17mm Shaft, 8.2mm Shaft Length, 8pk 61mm Pulley, Bi-Directional Fan, 227mm Overall Length, Sliding Bush

VOLVO	FH12, FM9, FM12, B7, B9, B12	RENAULT - KERAX, MAGNUM
0124555017	20409228 20409240	20466315 20499317 20849350 20849351 20850236 21429786 85003355 85003357 0124555009 0124555020 0124655008 0124655012 0124655013 850000257 850000626 850000628 85000629 986047440 5010589525 5010589555 7420409228 BX4629 BX4744

### AVi147S3122HD

Sales # A147S322, 24V, 120 Amps, Swing (RH) Mount, 17mm Shaft, 8.2mm Shaft Length, 8pk 55mm Pulley, Bi-Directional Fan, 221mm Overall Length, Sliding Bush

### VAN HOOL

11400996

### AVi147S3124HD

Sales # A147S324, 24V, 120 Amps, Swing (RH) Mount, 17mm Shaft, 8.2mm Shaft Length, 8pk 55mm Pulley, Bi-Directional Fan, 251mm Overall Length, Sliding Bush

### CUMMINS AVi147S3123HD

5332847

## IdlePro™ 24V 180-Amps Competitive Interchange Data

PRESTOLITE	SALES #	MOUNT	SHAFT SIZE	SHAFT LENGTH	PULLEY	FAN DIRECTION	OVERALL LENGTH	SLIDING BUSH	REG VOLTAGE	APPLICATION	CROSS REFERENCE
AVi150J1106HP	A150J106	J180	7/8"	33.5mm		Clockwise	221mm	Yes	28.5	Cummins	
AVi150P1122HP	A150P122	Pad	17mm	8.2mm	10pv, 70mm	Clockwise	214mm	N	28.3	AM version of AVi150P1103HP	
AVi150S1108HP	A150S108	Swing (RH)	17mm	8.2mm	8pv, 55mm	Clockwise	210mm	Y	28.5	ADL / DENNIS	664466
AVi150S1109HP	A150S109	80mm Spool	17mm	8.2mm	8pv, 55mm	Clockwise	210mm	N	28.5	WRIGHT BUS	CEP00190
AVi150S1111HP	A150S111	Swing (RH)	17mm	8.2mm	8pv, 55mm	Clockwise	210mm	Y	28.5		
AVi150S1114HP	A150S114	80mm Spool	17mm	8.2mm	8pv, 55mm	Clockwise	210mm	N	28.5		
AVi150S1115HP	A150S115	80mm Spool	17mm	8.2mm	8pv, 69mm	Clockwise	210mm	N	28.5	WRIGHT BUS	CEP00281
AVi150J1116HP	A150J116	J180	17mm	8.2mm		Clockwise	194mm	Y	28.5	Volvo	
AVi150S1112HP	AVi150S1112HP	Swing (RH)	17mm	8.2mm	8pv, 55mm	Clockwise	210mm	Y	28.5	Cummins	
AVi150S1109HP	A150S109	80mm Spool	17mm	8.2mm	8pv, 55mm	Clockwise	210mm	N	28.5	WRIGHT BUS	
AVi150S1121HP	A150S121	Spool	17mm	8.2mm	8pv, 54mm	Clockwise	212mm	N	28.5	AM version of AVi150S1104HP	