



*Unique Quality · Unique Value · Unipoint*

*Rotating Electrical*  
**NEW PRODUCT HIGHLIGHTS**

**2012 APR. / NEWS.122**

A large, decorative graphic element consisting of several overlapping, curved, light-colored bands that sweep across the bottom half of the page, creating a sense of motion and depth.



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Dear Valued Customers,

**Please find attached Unipoint "New Product Highlights" for April 2012, featuring our newest additions for Rotating Electrical Line.**

We would like to introduce to you our new units as ALT-2113 & STR-6007.

■ **Replacement for Bosch Type**

**ALT-2113:** 24V, 100A. Used in MAN FE, LE, NG, NL, NM, NU SG, SL, TG TGA, UL & LION'S CITY trucks & buses.

■ **Replacement for Hitachi Type**

**STR-6007:** 12V, 2.0kW. Used in Thermo King Trailer Units w/Yanmar engines.

You can find the detailed spec, cross reference numbers & applications from our Unipoint News #122. Also, all the data have been updated to our website catalog:[www.unipoint.com.tw](http://www.unipoint.com.tw)

**All these products are now ready for production & can be included in your new order.  
Thank you for your business & support!**

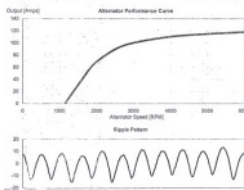
**Best Regards,  
Unipoint Customer Service**

## ALTERNATOR

### ALT-2113



ALT-2113		FASS
Description: 24V, 100A, CW		8090211 1421
This alternator has an internal voltage regulator.		
Flux Code	801	W/LW
Electronics / Application: W/LW		
Test Results Table:		
Maximum Alternator Output	Amperes	117.9
Maximum Output Power	Watts	2850
Voltage Set Point	Volts	28.88
Voltage Set Point (Red)	Volts	29.48
Leakage Current	mAmps	2.81
Leakage Current (Red)	mAmps	2.91
Ripple Current	Amps	28.0
Alternator Turn On Speed	RPM	1300
Fast back to computer (IG 2500RPM)	Volts	0.17
Regulator activation voltage	Volts	0.17
Exciter Frequency	HZ	243
Stator Inductance	Volts	14.0
Soft Start Delay	Sec.	0.0
LDC Delay	Sec.	3.8
Lamp Drive	Active	
Lamp Type	Standard	
Output Current Table:		
Output Current at 1800 RPM	Amperes	88
Output Current at 1900 RPM	Amperes	97
Output Current at 2000 RPM	Amperes	105
Output Current at 2100 RPM	Amperes	109
Output Current at 2200 RPM	Amperes	110
Output Current at 2300 RPM	Amperes	110
Output Current at 2400 RPM	Amperes	110
Output Current at 2500 RPM	Amperes	110



Amperage	100A
Pulley Groove	w/o pulley
Rotation	CW
Voltage	24V

## CROSS REFERENCE

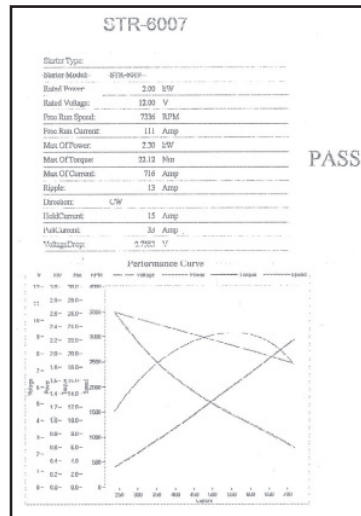
BOSCH No.'S	LESTER No.'S
0-123-525-501	23513
0-986-042-590	PIC No.'S
MAN No.'S	220-5318
51-26101-7232	
51-26101-7234	
51-26101-7242	
51-26101-7247	
51-26101-7265	
VALEO No.'S	
2572833	

## TO FIT

MAN	18.260 HOCL-NL	12.0L	2001	2006
MAN	FE 19.310F	12.0L	2002	2003
MAN	LE 10.180FA	4.6L	2002	2006
MAN	LION'S CITY	6.9L	2004	2006
MAN	NG 263F	12.0L	2001	2006
MAN	NL 363F	12.0L	2001	2006
MAN	NM 223F	6.9L	2000	2006
MAN	NU 313	12.0L	2002	2006
MAN	SG 263F	12.0L	2004	2006
MAN	SL 283F	6.9L	2004	2006
MAN	TG 410AD	12.0L	1999	2002
MAN	TGA 18.480F	12.8L	2003	2006
MAN	UL 363	12.0L	2001	2006

## STARTER

### STR-6007



Power	2.0KW
Rotation	CW
Teeth	9T
Voltage	12V

## CROSS REFERENCE

HITACHI No.'S	LESTER No.'S
S13-407	18490
S13-407A	PIC No.'S
THERMO KING No.'S	104-274E
45-2177	104-390A
45-2324	
845-2177	
845-2324	
YANMAR No.'S	
129685-77011	

## TO FIT

CARRIER TRANSICOLD	2.2 DI		
THERMO KING	486 TIER		
THERMO KING	SB-200	486(TK 4.86) Dsl.	1999
THERMO KING	SB-310	486(TK 4.86) Dsl.	1999
THERMO KING	SB-II SR	486(TK 4.86) Dsl.	1998
THERMO KING	SL100	482(TK 4.82)	1996
THERMO KING	SL200	482(TK 4.82)	1996
THERMO KING	SL300	486(TK 4.86)	1996
THERMO KING	SL400	486(TK 4.86)	1996
THERMO KING	SL400 SR2	486(TK 4.86) Dsl.	2002
THERMO KING	SPECTRUM SL	486(TK 4.86) Dsl.	2001
THERMO KING	VARIOUS MODEL	482(TK 4.82) Dsl.	1996
YANMAR			

## ARMATURE

### PART NO. AM-6007



Cum. OD	36.5mm
No. of Splines	11T
Note	WITH BEARING
OD	52.7mm
Overall Length	174mm
Voltage	12V

## BRUSH HOLDER

### PART NO. SH-6010



**O.E.M. NO.**  
 HITACHI No.'S  
 2130-13022  
 2130-53021  
 2240-1310  
 ISUZU No.'S  
 8-94136-901-0  
 8-94424-388-0  
 8-94478-863-0  
 NISSAN No.'S  
 23378-10G00  
 23378-54A00

Voltage	12V
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## STARTER DRIVE

### PART NO. SD-4013



**O.E.M. NO.**  
 HITACHI No.'S  
 2114-15507  
 2114-45014  
 2114-85501  
 2130-1502  
 2130-65001  
 NISSAN No.'S  
 23312-10G00  
 23312-11M00  
 23312-W1700  
 23354-V0700

No. of Splines	10SPL
Overall Length	87mm
Pinion OD	36.2mm
Rotation	CW
Teeth	9T

## CORRECTION

### Alternators & Starters & Components Catalogue 2010/11

#### WRONG PICTURES

The pictures listed below at left hand side are not correct, which are printed in our catalogue # CAT-ELE-2010/11 & CAT-ELEC-2010/11, the corrected one are as **the ones in the right hand side**. Please correct it from the catalogues you have in hand.

#### **ALT-1415**



Wrong One



Correct One

#### **SD-4163**



Wrong One



Correct One