



## Transport Refrigeration & Auxiliary Power Unit **Starters & Alternators**

### WHAT'S NEW

- 120 Amp APU Alternator: Upgrade for ThermoKing Tri Pac PN 93034
- Updated Recommended Stocking Lists: Five part numbers cover the most popular transport refrigeration applications

### TESTED AND MANUFACTURED TO OE QUALITY SPECIFICATION STANDARDS

- **Endurance** – Life cycle testing is performed on starters and alternators to ensure product reliability.
- **Performance** – Starters & Alternators are tested against established OE performance specifications to assure compatibility.
- **Temperature** – Starters are tested to ensure engagement in high heat conditions.
- **Continuous Improvement Practices** – A complete analysis is performed on key components to identify and drive the implementation of design changes for enhanced durability and performance.

# Recommended Stocking List

## TRANSPORT REFRIGERATION STARTERS & ALTERNATORS



TRANSPORT REFRIGERATION STARTERS					
Engine	Part #	kW Rating	Thermo King	Carrier Transicold	Hitachi
TK 486 (Tier 2/4i)	<b>93592</b>	2.2	45-2177 45-2324 845-2177 845-2324	N/A	S13-407 S13-407A
TK 486 (Tier 1)	<b>93591</b>	2	45-1688 45-2323 845-1688 845-2323	20-45-1688 20-45-2323	S13-207A S13-207C
DI/SE	<b>93584</b>	2.2	45-1671 45-1993 45-2325 835-1263 835-2325	20-45-1263 20-45-1671 20-45-1993 20-45-2325	S13-211 S13-289

TRANSPORT REFRIGERATION ALTERNATORS					
Amps	Bosch	Thermo King	Carrier Transicold	Part #	Amps
37	AL927N 0-120-488-297 9-120-060-027	41-5458 44-8949 44-8950 44-9571 5D38603G01 5D33839G01	20-44-9571 29-50340-00	<b>93070</b>	65
65	AL928N 9-120-060-023 0-120-488-296	44-9572 41-5457 5D38604G01 5D33841G01	20-44-9572 20-41-5457		
90	AL929N 0-120-484-049 9-120-060-038	44-9716	N/A	<b>93082</b>	120
120	AL9120N 0-120-484-028	41-2571 41-5456 5D50461G01	20-41-5456		

APU STARTERS & ALTERNATORS							
Product Type	Make	Model	Engine	Part #	Amp / kW	Upgrade Part #	Amp / kW
Alternator	Thermo King	TriPac*	TK270	<b>93095</b>	65	<b>93094</b>	120
Starter				<b>93597</b>	1.2		
Alternator			Yanmar 2TNV70	<b>93095</b>	65	<b>93094</b>	120
Starter				<b>93597</b>	1.2		
Alternator	Carrier Transicold	ComfortPro PC5000	Kubota CT2-29TV (Z482-E2B) Diesel	<b>93096</b>	40		
Starter				<b>93598</b>	0.7		
Alternator		ComfortPro PC6000		<b>93097</b>	60		
Starter				<b>93598</b>	0.7		
Alternator	Rigmaster	14-6, T4-6	Perkins 402C-05 Diesel	<b>93098</b>	60		
Starter				<b>93599</b>	0.8		
Alternator		104, 10-40	Perkins 102-05 Diesel	<b>93099</b>	40		
Starter				<b>93599</b>	0.8		

\*ThermoKing TriPac APU units require CCW rotating fans

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