



[www.powercubeapu.com](http://www.powercubeapu.com)

## **General Warranty Statement** (See attached Limited Warranty)

### **Important Notice**

All products described in this warranty are subject to the attached warranty statement; any deviations and/or exceptions for a particular product will be documented in the section describing the warranty for that particular product.

The warranties described in this document cover failure of the POWERCUBE™ products listed herein that are the result of defects in POWERCUBE™ materials and/or workmanship, under normal use and service. The POWERCUBE™ warranty is not applicable to failures caused by abuse, neglect or repair location workmanship.

### **Owner's Responsibilities**

1. It is the owner's responsibility to service POWERCUBE™ products based on recommendations made by the manufacturer. This servicing is not covered under warranty and may affect warranty coverage.
2. *(Before the expiration of the warranty, Owner must give notice of failures, if any, considered to be warrantable and deliver the defective product and/or a digital photo (if requested) of the defect to Tridako Warranty Claims Department or an authorized POWERCUBE Distributor.)* Owner is responsible for the cost of all repairs made to equipment in which products are installed, other than POWERCUBE™ products. Owner is responsible for lodging, meals and incidental costs incurred by the Owner as a result of a warrantable failure. Owner is responsible for "down time" expenses and all business costs and losses resulting from a warrantable failure.
3. Tridako Energy Systems, Inc. is not responsible for incidental or consequential damages.

### **Warranty Limitations**

The warranties set forth herein are the sole warranties made by Tridako Energy Systems, Inc in regard to the POWERCUBE™ products. Tridako Energy Systems makes no warranties, expressed or implied, or of merchantability or fitness for a particular purpose.

#### Items not covered under this warranty.

1. POWERCUBE™ products no longer within the warranty period.
2. Parts, which fail due to: improper installation; inadequate air, fuel or coolant flow; wiring or ground-side disconnect; shock or vibration.
3. Any progressive damage to the engine or vehicle arising out of failure of the POWERCUBE™ product.
4. POWERCUBE™ products which have been modified or the use of non-standard parts not approved by the manufacturer.
5. POWERCUBE™ products that have been abused or damaged.
6. Travel time and/or mileage caused by POWERCUBE™ failure.
7. Towing charges.

8. Diagnosis or repairs when not caused by problems directly related to POWERCUBE™ products or due to empty fuel tanks, poor fuel quality or poor batteries.
9. Diagnosis or repairs to other components within the vehicle system not supplied by POWERCUBE™.
10. POWERCUBE™ products, which have been improperly installed.

### **Design Improvements**

POWERCUBE™ may make changes or design improvements without incorporating those changes in products previously sold. POWERCUBE™ warranties do not cover the incorporation of these design improvements. Design improvements are performed at the request and the expense of the customer.

### **Labor**

POWERCUBE™ will reimburse labor in accordance with its published Standard Repair Times (SRT) within the published time period to repair the POWERCUBE™ product listed herein caused by a covered failure at a rate of \$65.00 an hour.

### **Parts Supplied Under the Warranty**

Any part supplied by Tridako Energy Systems at no charge (i.e. paid for by warranty or policy) assumes the identity of the part it replaces. If the failed part is no longer under warranty then the new replacement part will not have coverage. Parts supplied at no charge are not covered by Tridako Energy Systems New Replacement Parts Warranty.

### **Determination of Warranty**

Tridako Energy Systems reserves the right to examine any failed part to determine validity of warranty claim. If no fault is found the claim will be denied. Warranty claims filed when no part has been replaced are subject to review and possible coverage on a claim by claim basis.

For questions or concerns about POWERCUBE™ Warranty, contact:

**POWERCUBE™ Warranty Department:**

Telephone: 308-762-3235

Fax: 308-762-7459

Email: [warranty@tridako.com](mailto:warranty@tridako.com)

**POWERCUBE™  
Auxiliary Power & Climate Control System  
Warranty Coverage**

<u>Component</u>	<u>Coverage</u>
APU (Auxiliary Power Unit Chassis)	2 year or 2000 hours- Standard
Bunk Evaporator (Climate Control Unit)	2 year or 2000 hours- Standard
ThermoVap™ (Condenser / Radiator Unit)	2 year or 2000 hours- Standard
Control Panel	2 year or 2000 hours- Standard
Generator (Markon)	2 year or 2000 hours- Standard
Kubota Z602 Engine	2 year or 2000 hours- Standard
Cat C0.5 Engine	2 year or 2000 hours- Standard
<u>Kubota Motor only</u> --Engine thermostat, water pump, pump, water temperature gauge, fuel lift pump & alternator. starter, fuel injection	2 year or 2000 hours- Standard
Repair labor based on Standard Repair Times	2 year or 2000 hours- Standard

**Start Date**

<b>Installed By:</b>	<b>Warranty Starts On:</b>
POWERCUBE Factory Authorized Install Facility OEM / Dealership Parts Counter Purchase	Date of Installation Date of Installation Date In Service Date of Purchase

**Owner's Responsibility:**

This product requires servicing based on service hours. It is the responsibility of the owner to regularly inspect and routinely maintain fittings and fasteners on their unit. Repair issues that arise from not performing these routine procedures do not require warrantable action by Tridako. Please see the attached POWERCUBE™ Service & Repairs documentation for further servicing requirements.

**Warranty Administration**

Tridako Energy Systems handles all of the warranty claims and repair procedures on engines. Tridako Energy Systems does not repair any engine related claims. All engine claims will be handled through an engine OEM Distributor. Engine hours must be noted from the control panel hour meter or claim may be denied. Engine claims will be paid under terms of the engine manufacturers SRT Warranty.

Tridako Energy Systems performs all warranties on the Bunk Evaporator unit and completes all A/C or Heating related claims. All claims should be directed toward an authorized POWERCUBE Distributor.

Items for replacement not represented within the SRT are individually reviewed after report or RGA request is made by the performing service entity, and the warranty status will be determined according to a comprehensive review of the failure.

Work Not Covered Under Warranty include items such as filters, lamps, tune-ups, fuses, any adjustments such as belts, any installation errors, bolt tightening, and chafing or wear on wire harnesses, hoses or their respective fasteners and/or connectors.

### Standard Repair Times (SRT)

The following tables list the SRT warranty repair times for the POWERCUBE™.

Determine the cause of the problem and replace the faulty component. Note the SRT code numbers in brackets beside each component repaired for the warranty claim form.

<u>Description</u>	<u>Code</u>	<u>Time</u>
System Diagnosis-	PC1	0.5 hr
APU (Frame Unit) Replacement-	PC2	2.5 hr
Air Filter-	PC3	0.2 hr
120 VAC Generator Replacement-	PC4	1.7 hr
AC System R134A Charge / Recovery-	PC5	0.8 hr
APU Engine Wire Harness-	PC6	1.6 hr
Electrical Motor Relays (3)-	PC7	0.2 hr
Muffler / Exhaust / Bracket	PC8	0.5 hr
Engine Mounts (4)-	PC9	2.5 hr
Front Isolator / Saddle Mount-	PC10	0.5 hr
Rear Isolator / Saddle Mount-	PC11	0.6 hr
Fuel Pump (Electric)-	PC12	0.5 hr
Control Panel-	PC13	0.5 hr
Evaporator (Bunk Unit Replacement)-	PC14	1.5 hr
Evaporator Core -	PC15	1.2 hr
Dual Blower Motor-	PC16	0.8 hr
Heater Core-	PC17	1.5 hr
Heater Switch-	PC18	0.2 hr
Radiator / Condenser-	PC19	1.5 hr
Radiator / Condenser Fan	PC20	0.6 hr
Receiver Dryer-	PC21	0.4 hr
Belt Tensioner / Idler Pulley-	PC22	0.5 hr
Serpentine Belt Shroud-	PC23	0.3 hr
Serpentine Belt	PC24	1.0 hr
Fan Drive Belt	PC25	0.5 hr
Engine Alternator-	PC26	0.4 hr
Engine Starter-	PC27	0.5 hr
Engine Water Pump-	PC28	0.9 hr
Engine Fuel Pump-	PC29	0.3 hr
Engine Thermostat-	PC30	0.1 hr
Engine Glow Plug (ea)-	PC31	0.1 hr
Engine Oil Switch-	PC32	0.2 hr
Engine Coolant Switch-	PC33	0.1 hr
Generator Capacitor-	PC34	0.4 hr
AC Compressor	PC35	0.6 hr
Misc. Labor	PC36	0.5 hr
Stop Timer	PC37	0.3 hr
Stop Solenoid	PC38	0.2 hr

## New Replacement Parts Warranty For The PowerCube™ System

New replacement parts are afforded warranty considerations and limitations by Tridako Energy Systems for all POWERCUBE™ products included herein.

### Coverage

<b>Product:</b>	<b>Coverage:</b>
Parts (exclusive of labor) Labor based on SRT Service parts including: filters, switches, hoses, lamps, belts, bolts, fuses, nozzles.	90 Days 90 Days No coverage

### Start Date

<b>Installed By:</b>	<b>Warranty starts on:</b>
Authorized installation facility Purchase at parts store	Date of installation Date of purchase

Any installation related components, materials and/or workmanship not supplied by Tridako Energy Systems are not covered under the POWERCUBE™ warranty.

### Warranty Claim Procedures

Submit a POWERCUBE™ Warranty Claim Form with the following information:

Return Goods Authorization (RGA) Number  
Serial Number of Unit  
Original Date of Installation  
Hours of operation  
Date of Failure  
A full description of your findings  
Part numbers and standard repair times  
Owner's name and address

### **SUBMIT COMPLETED FORM AND RETURNED PARTS, AS NECESSARY, TO:**

Tridako Energy Systems, Inc  
**Attn: POWERCUBE™ Warranty Department**  
5610 Perkins Road | PO Box 740  
Alliance, NE 69301

Phone: 308-762-3235 | Fax: 308-762-7459 | E-Mail: warranty@tridako.com

### Warranty Parts Procedure

Repair facility must call the warranty administrator at 308-762-3235 to determine if the parts need to be returned at the time of issuing the RGA. Tridako Energy Systems reserves the right to request the part and a picture of the defect before repair at the time of issuing the RGA or within a three (3) month period of the claim date.

Credit for warranty parts will be issued within 90 days of the warranty administrator receiving the documents.

All claims and parts must be forwarded to Tridako Energy Systems no later than 60 days after completion of repairs.

Claims submitted after 60 days will be denied.