

Limited Warranty

Renogy is a visionary technology leader on a mission to dramatically broaden the accessibility and adoption of innovative clean energy around the globe. Every day, we actively work to broaden people's ability to choose, purchase, utilize and enjoy the benefits of renewable, clean energy products.

You're completed covered with Renogy industry-leading products and worry-free warranty. Renogy customer service team is located both locally and global-wide and works tirelessly to ensure your energy solution is operating at its peak performance, and any problem you may have can be resolved in a timely manner.

We want you to be confident that you're purchasing and installing the right solar energy solution. As a sign of confidence in our quality, we are pleased to grant you the following warranties for our products.

- Limited Warranty on Batteries and Power Stations
- Limited Warranty on Solar Panels and Solar Kits
- <u>Limited Warranty on Charge Controller, Inverter, Battery Charger</u>
- Limited Warranty on IOT Monitors and Accessories

Part 1 Batteries and Power Stations

The products manufactured by Renogy (the "Warrantor") are warranted to be free from defects in workmanship and materials under normal use and service. The warranty is in effect from the date of purchase by the user (the "Purchaser"). This limited warranty covers substantial defects in material or workmanship and performance.

If any Renogy product(s) fail to follow this Limited Warranty and any and all power loss is determined by the Warrantor's technical support team then the Warrantor will either repair or replace the defective product(s) with a new or refurbished product(s). All replacements will be compatible with the original product(s) with an equal or even greater power rating (in some cases). If for any reason Renogy is unable to repair or replace the defective product(s) then a refund can occur.

1.Prorated Warranty

Prorated warranted products manufactured by Renogy (the "Warrantor") are warranted to be free from defects in workmanship and materials under normal use and service. The warranty is in effect from the date of purchase by the user (the "Purchaser"). This limited warranty covers substantial defects in material or workmanship and performance and follows the guidelines of the Limited Warranty with the addition of the following table detailing exchange costs for warranty replacements for prorated warranty items.

*Please Note: Failure to properly install or operate the battery will void the warranty. Please refer to the product page on our website for detailed installation and operation instructions.

Time	Charge for Replacement
0-12 Months	No Charge





	Time	Charge fo	r Replacement
After 12 Months		Remaining Warranty Period (in Months)	
	Original Purchase Price ×(1-	Total Warranty Period (in Months)	

2. Material and Workmanship Warranty period for the following products after August 1st, 2015

GEL Battery	3-year material and
RNG-BATT-GEL12-200; RNG-BATT-GEL12-100; RNG-BATT-GEL12-160;	
RNG-BATT-GEL6-260	workmanship warranty
GEL Battery	0
RBT100GEL12; RBT200GEL12	2-year material and
RBT100GEL12B (The battery box is warranted separately for 1 year)	workmanship warranty
AGM Battery	
RNG-BATT-AGM12-100; RNG-BATT-AGM12-200; RNG-BATT-AGM6-260	2-year material and
RNG-BATT-AGM12-7; RNG-BATT-AGM12-9; RNG-BATT-AGM12-18	workmanship warranty
RBT100AGM12B (The battery box is warranted separately for 1 year)	
LFP Battery	
RBT100LFP12S; RBT100LFP12SH;	5-year prorated material
RBT12100LFP;RBT12200LEP;RBT50LFP48S;RBT12400LFPL-SHBT;	and workmanship warranty
RBT12300LFPSH;RBT24100LFPSH;RBT24200LFPSH	
LFP Battery	
RNG-BATT-LFP12-50; RNG-BATT-LFP12-100; RNG-BATT-LFP-12-170	3-year material and
RBT100LFP12-BT; RBT200LFP12-BT	workmanship warranty
RBT2425LFP; RBT2450LFP	
LFP Battery	7-year material and
RBT12100LFP-BT	workmanship warranty
Battery Box	1-year material and
RBB2431; RBB400	workmanship warranty
Portable Power Station	
RNG-ELM-LYCAN	
RNG-CMP-T100; RNG-CMP-RPP	1-year material and
RNG-ELM-PHOENIX; R300PHXE	workmanship warranty
R100PHX; R200PHX; R300PH	
RPS2220AA; RPS3250AA; RPS5080AA-PCS	



RPS100150AA-PCS	
Backup Power Box	3-year material and
RPB4835OA-48LFPA12S; RPB4850OA-48LFPA1SS	workmanship warranty

3. Exclusions and Limitations for Batteries

Without the involvement of the Warrantor in the system design and the express written authorization from the Warrantor, the battery is not intended for use as the primary or backup power source for life support systems or other medical equipment, or any use where battery failure could lead to injury to or loss of life or catastrophic property damage. Use in this manner is at Purchaser's own risk. To the extent permitted by law, Warrantor disclaims any and all liability arising out of any such use. Further, Warrantor reserves the right to refuse to service any battery used for these purposes and disclaims any and all liability arising out of Warrantor's refusal to service.

The warranty does not cover failures and damages that result from normal wear and tear, improper installation, operation, and storage, insufficient ventilation, inadequate maintenance, incorrect handling and transportation, unauthorized repair, modifications, conversions and additions, intentional or accidental misuse, abuse, and neglect, contamination with hazardous substances, radiation, and water (unless stated otherwise by the Warrantor to be waterproof), unusual electrical stress including power surges, uncontrolled voltages and currents, excessive or deficient energy supply, system harmonics, and lighting, exposure to extreme hot or cold temperatures, and force majeure including fires, floods, earthquakes, hurricanes, severe weather, wars, and acts of terrorism.

For further clarity, the warranty is void in the following cases.

The battery operates outside the temperature range as set forth in the user manual and/or datasheet.

The battery bank is configured with mixed makes and/or models, incorrect series and/or parallel

The battery terminals are not tightened to the specification as set forth in the user manual and/or datasheet.

The battery is charged with charging algorithms and/or charger settings that do not comply with the requirements as set forth in the user manual and/or datasheet.

The battery is not properly protected from inrush currents with circuit breakers, fuses, and/or disconnects.

The battery is directly connected to DC motors without appropriate safety protection, motor controllers, and motor voltage clamping systems.

The battery is left unattended for extended periods of time after depletion.



The battery is not maintained or stored in accordance with the requirements as set forth in the user manual and/or datasheet.

The battery is subjected to excess vibration due to inadequate mounting.

The communication ports on the battery (if applicable) are damaged or altered.

The communication ports on the battery (if applicable) are not connected in accordance with the instructions as set forth in the user manual.

The battery is disassembled, altered, or repaired without express written authorization from the Warrantor.

In order to provide the warranty, Warrantor may require the ability to upgrade the battery firmware or provide data logged information. Any failure to install firmware upgrades when provided or to provide data logged information upon request will void the warranty.

If the Warrantor determines that the problem with the product(s) is not due to a manufacturing defect in the Warrantor's workmanship or materials, or otherwise does not qualify for warranty repair, then the Purchaser will be responsible for all costs incurred by the Warrantor necessary to repair, replace and transport the product(s). The Warrantor will not be responsible for expenses related to installation/removal, electrical system tests, loss of time or other expenses considered incidental damages.

Part 2 Solar Panels and Solar Kits

1. Material and Workmanship Warranty period for the following Solar Panels after Aug 1st, 2015:

*Excluding charge controller and wire defects.

Product SKU	Material and Workmanship Warranty
RNG-240P;	
RNG-250D; RNG-250P; RNG-255D	
RNG-260D; RNG-260P; RNG-270D; RNG-270P;	
RNG-270P-S; RNG-280D	
RNG-300D; RNG-300P; RNG-310P	
RNG-320P; RNG-320D; RNG-320D-H	10 year material and workmanship
RSP405D-BB-108; RSP405D-BB;	10 year material and workmanship
RSP450D-120; RSP450D-BK-120	warranty
RSP550D-144; RSP450DT-120; RSP550DT-144;	
RNG-100D; RNG-100D-S; RNG-100D-SS;	
RNG-100D-R; RNG-100D-R-BK; RSP100D-BK; RNG-150D;	
RNG-160D-SS; RNG-175D; RSP175D-SQ72	
RNG-190D; RSP200D; RSP220DT; RSP115DT; RNG-210D;	



5 year material and workmanship
warranty
1 year material and workmanship
warranty
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2. Performance Warranty period for the following Solar Panels after August 1st, 2015:

^{*}The power output will be measured under Renogy standard measurement conditions.

Product SKU	Performance Warranty
RNG-10D; RNG-10D-SS; RNG-20D; RNG-30D; RNG-30D-SS RNG-30D-C; RNG-30D-R; RKIT30DST; RNG-50D RNG-50D-SS; RNG-80D-SS; RNG-100D; RNG-100D-S RNG-100D-SS; RNG-100D-R; RNG-100D-R-BK RSP100D-BK; RNG-100MB; RNG-150D; RNG-160D-SS	Performance Warranty
RNG-175D; RSP175D-SQ72; RSP200D; RNG-250D RNG-255D; RNG-260D; RNG-270D; RNG-280D; RNG-300D; RNG-320D; RNG-320D-H; RSP405D-BB-108; RSP405D-BB RSP450D-120; RSP450D-BK-120-; RSP450DT120; RSP550DT-144; RNG-50P; RNG-100P; RNG-160P; RNG-240P; RNG-250P RNG-260P; RNG-270P; RNG-270P-S; RNG-300P; RNG-310P;	5 year 95% output warranty 10 year 90% output warranty 25 year 80% output warranty
RNG-320P RNG-50MB-ME; RNG-KIT-STCS60D RNG-KIT-STCS100D; RNG-KIT-STCS100D-NC	



^{*}Excluding charge controller and wire defects.



RNG-KIT-STCS100D-VOY20; RNG-KIT-STCS200D-VOY20;	
RSP200SC;	
RNG-KIT-STCS100MB; RNG-KIT-STCS100MB-NC	
RNG-KIT-STCS100MB-VOY20	
RNG-KIT-STCS200MB; RNG-KIT-STCS200MB-NC	
RNG-KIT-STCS200MB-VOY20; R100DAUR	
RNG-50DB-H; RNG-100DB-H; RNG-160DB-H; RNG-175DB-H;	F year 00% output warranty
RSP100DL-36; RSP200DB-72	5 year 90% output warranty

Part 3 Charge Controller,Inverter,Battery Charger

1. Material and Workmanship Warranty period for the following products after August 1st, 2015

Charge Controller	
RNG-CTRL-PWM10DB; RNG-CTRL-PWM20DB; RNG-CTRL-WND30;	1-year material and
RNG-CTRL-WND30-LI; RNG-CTRL-VOY20; RNG-CTRL-VS-TS;	workmanship warranty
RNG-CTRL-CMD20; RNG-CTRL-CMD40; RNG-CTRL-CMD60	
Charge Controller	
RNG-CTRL-WND10; RNG-CTRL-WNDPG10	
RCC10VOYP; RCC20VOYP; RNG-CTRL-ADV30-LI;	
RCC20RVRE; RCC40RVRE;	2-year material and
RNG-CTRL-RVR20; RNG-CTRL-RVR30; RNG-CTRL-RVR40;	workmanship warranty
RNG-CTRL-RVRPG20; RNG-CTRL-RVRPG30; RNG-CTRL-RVRPG40;	
RNG-CTRL-RVRPG60; RNG-CTRL-RVR60; RNG-CTRL-RVR100;	
RCC10RVRB	
Charge Controller	5-year material and
RCC60REGO	workmanship warranty
Inverter	
RNG-INVT-500-12V; RNG-INVT-1000-12V; RNG-INVT-2000-12V;	
RNG-INVT-700-12V-P2; RNG-INVT-1000-12V-P2;	
RNG-INVT-2000-12V-P2; RNG-INVT-3000-12V-P2;	
R-INVT-PUH1-101235; R-INVT-PUH1-201235;	
R-INVT-PUH1-301235;	1-year material and
R-INVT-PGH1-10111S; R-INVT-PGH1-20111S;	workmanship warranty
RIV1210P2-10S; RIV1220P2-10S;	
RIV1210PU-126;RIV1220PU-126;RIV1230PU-126;	
RIV2410P2-23S;RIV2420P2-23S;RIV2430P2-23S;RIV2410P2-10S;	
RIV2420P2-10S;RIV2430P2-10S;RIV2410P2-12S;RIV2420P2-12S;RIV2430P2-12S;	
Inverter Charger	
RNG-INVT-1000-12V-C;	1-year material and
R-INVT-PCL1-20123S; R-INVT-PCL1-20123S;	workmanship warranty
R-INVT-PCL1-20111S; R-INVT-PCL1-30111S;	





RIV4835CSH1S	
RIV2430HCS-2SS;RIV4850HCS-10S;RIV2430PCS-10S	1.5-year material and
	workmanship warranty
Inverter Charger	2-year material and
RIV1230RCL-1SS; RIV4835PCS-1SS	workmanship warranty
Inverter Charger	5-year material and
RIV1230RCH-SPS	workmanship warranty
Battery Charger	
RNG-BATT-ISO200;	1-year material and
RNG-DCC1212-20; RNG-DCC1212-40; RNG-DCC1212-60;	workmanship warranty
RNG-DCC1212-100	
Battery Charger	2-year material and
RBC20A1P; RBC10A2P; RBC30D1S; RBC50D1S	workmanship warranty

Part 4 IOT Monitors and Accessories

BB 14 1 ABB	
Monitoring &Management	
RNG-CTRL-BT-1; RCM-BT1; RCM-BT2; RCM-HUB;	1-year material and workmanship warranty
RNG-CTRL-DM-1; RNG-TRCRMTR-MT-1;	
RNG-TRCRMTR-MT-5; RNG-TRCRMTR-MT-50; RMS-RVRE;	
RMS-DCDC; RBM500; RMS-LFPS; RNG-INVT-C-RC;	
RMS-PGH; RMS2SRL-W	
Smart Monitoring &Management	
RMS-LP4-G2;	2-year material and workmanship warranty
RSHGWSN-W02W	
Accessory	
RNG-CTRL-TS; RNG-VOY-TS; RTSCC; RTSDCC; RVSCC;	
RTSVOY;	
SOLAR CONNECTOR ASSEMBLY TOOL;	1-year material and workmanship warranty
RNG-TOOL-SD; RNG-TOOL-CR; RNG-TOOL-WS;	
RNG-TOOL-MM; RNG-TOOL-BOX; RNG-TOOL-V46;	
RSCB1.8M24; RSHPGZ01P; RSHMSZ03P; RSHDWZ03P;	
RSHSRZ02P; RCA1TP-L67; RCA02LB-67;	
RCA10LL-6767; RCA23LL-6767;	
RCA10LR-6745; RCA20LR-6745;	
Power Cable & Connector	
RNG-AK-10FT-10; RNG-AK-10FT-12; RNG-AK-20FT-10;	
RNG-AK-20FT-12; RNG-AK-30FT-10; RNG-AK-30FT-12;	
RNG-AK-40FT-10; RNG-AK-40FT-12; RNG-AK-9IN-12;	
RNG-BATTERYCB-12IN-4; RNG-BATTERYCB-14IN-4;	1-year material and workmanship warranty
RNG-BATTERYCB-16IN-4; RBCCB12IN1;	
REC1.5FT12PR; REC5FT10PR; REC5FT12PR;	
REC10FT10PR; REC10FT12PR; REC15FT10PR;	
REC15FT12PR; REC20FT10PR; REC20FT12PR;	





RNG-INVTCB-5FT-4; RIVCB2FT4; RIVCB3FT4;	
RNG-INVTCB-5FT-0000; RIVCB8FT1; RNG-TRAYCB-8FT-8;	
RNG-TRAYCB-8FT-10; RNG-TRAYCB-8FT-12;	
RNG-TRAYCB-16FT-8; RNG-TRAYCB-16FT-10;	
RNG-TRAYCB-16FT-12;	
SOLAR CONNECTOR TO SAE ADAPTER 12 AWG CABLE	
PHOENIX SOLAR CONNECTOR TO 4.5MM DC ADAPTER	
RNG-PHOENIX-DC-DC; RNG-PHOENIX-CIG-DC;;	
RNG-LYCAN-RJ45;	
SOLAR CONNECTOR TO ANDERSON POWERPOLE	
ADAPTER CABLE	
RNG-LYCAN-XT90; RNG-CNCT-DC-BULB;	
RNG-LYCAN-ADS-ALGTR; RNG-LYCAN-CIG-ADS;	
RNG-ANLFUSECB;	
RNG-TRAYCBDR-8FT-4; RNG-TRAYCB-ALGTR;	
RNG-RV1530-12IN-12-BL; RNG-RV1550-12IN-10-BL;	
RNG-RV3015-12IN-12-BL; RNG-RV3050-12IN-10-BL;	
RNG-RV5030-12IN-10-BL;	
RBARA23FT4; RBARA7FT4; RBARA1FT4;	
RADEC15FT4; RADEC4.5FT4;	
SOLAR CONNECTORS FOR SOLAR PANELS MALE &	
FEMALE PAIR	
SOLAR Y BRANCH CONNECTORS MMF+FFM PAIR	
3 TO 1 SOLAR BRANCH CONNECTORS MMMF+FFFM PAIR	
4 TO 1 SOLAR BRANCH CONNECTORS MMMMF+FFFFM	
PAIR	
RPC0108MP-75; RPC0506PS-7512; RPC0506PR-75;	
RPC1006PR-75; RPC0540SR-35; RPC0140SR-35	
Protection Device	
RNG-CNCT-FUSE10; RNG-CNCT-FUSE15;	
RNG-CNCT-FUSE20; RNG-CNCT-FUSE30;	
RNG-ANL-FUSE20; RNG-ANL-FUSE30; RNG-ANL-FUSE40;	
RNG-ANL-FUSE60; RNG-ANL-FUSE100; RNG-SET-ANL20;	1 year material and workmanahin warranty
RNG-SET-ANL30; RNG-SET-ANL40; RNG-SET-ANL60;	1-year material and workmanship warranty
RNG-SET-ANL100; SUNDCCB10MN1P; SUNDCCB16MN1P;	
SUNDCCB32MN1P; SUNDCCB50MN1P; SUNDCCB63MN1P;	
SUNDCCB160MC2P; RPD80NH00; RPD355NH2; RPD400NH2	
Electrical Enclosure	
RPVCOM5SMN7P; RDCCBBMN5PMC2P	1-year material and workmanship warranty
REC400RSCB-4P; REC400RBCB-3P	
Mount & Bracket	
RNG-MTS-ZB; RNG-MTS-ACB; RNG-MTS-CB;	1-year material and workmanship warranty
RNG-MTS-SP100; RNG-MTS-WM;	·



RNG-MTS-MPM4; RNG-MTS-MPM5; R-MTS-MPM; RNG-MTS-STM; RNG-MTS-TM100; RNG-MTS-TMB;;

RNG-MTS-CE; RNG-MTS-QMSC

General Conditions for Warranty Claims

For Workmanship and Material Warranty: If the Purchaser experiences any defects in materials and workmanship under normal application, such as defects and/or failures due to manufacturing or due to materials, it is their responsibility to contact the Warrantor's technical support team. The technicians will offer steps and procedures to test the product(s), repair the product(s) or require the Purchaser to ship the product(s) to the technical support team if needed. Based on the outcome, the warranty service will then be in effect.

This warranty extends only to the original Purchaser. If gifted or resold the customer must go through the original Purchaser in order to claim warranty. Original order information is needed to claim warranty. If original order was shipped within the US, the Purchaser will be responsible for additional shipping costs out of the US. The Customer's sole and exclusive remedy and the entire liability of the Warrantor, its suppliers and affiliates for breach of the warranty is, either to replace the product(s) or component parts of the product(s) and in some cases refund the product(s) cost. This warranty does not cover labor. Products that have been serviced or replaced under their warranty period do not receive extended warranties. Instead, the serviced/replaced product(s) will abide to the original warranty period issued when first purchased. No employee, agent, dealer or any other person is authorized to give any warranties on behalf of the Warrantor, not expressly set forth in this limitedwarranty.

Exclusions and Limitations

The warranty does not cover failures and damages that result from normal wear and tear, improper installation, operation, and storage, insufficient ventilation, inadequate maintenance, incorrect handling and transportation, unauthorized repair, modifications, conversions and additions, intentional or accidental misuse, abuse, and neglect, contamination with hazardous substances, radiation, and water (unless stated otherwise by the Warrantor to be waterproof), unusual electrical stress including power surges, uncontrolled voltages and currents, excessive or deficient energy supply, system harmonics, and lighting, exposure to extreme hot or cold temperatures, and force majeure including fires, floods, earthquakes, hurricanes, severe weather, wars, and acts of terrorism. If the Warrantor determines that the problem with the product(s) is not due to a manufacturing defect in the Warrantor's workmanship or materials, or otherwise does not qualify for warranty



repair, then the Purchaser will be responsible for all costs incurred by the Warrantor necessary to repair, replace and transport the product(s). The Warrantor will not be responsible for expenses related to installation/removal, electrical system tests, loss of time or other expenses considered incidental damages.

The warranty shall be asserted with the Warrantor in writing enclosing a copy of the invoice and a description of the defect/loss of performance within the warranty period. The Warrantor shall accept no returns of product(s) without the previous written request for this. The Warrantor will provide the Purchaser with an RMA number and the location to which the Purchaser must return the defective product(s) in an efficient time manner. Any product(s) returned for valid warranty service shall be shipped at the expense and risk of the Warrantor. The Purchaser must return the product(s) (or, if authorized by the Warrantor, the defective component parts), within fifteen (15) days after issuance of the RMA number. The Warrantor will be under no obligation to accept any returned product(s) that does not have a valid RMA number. All parts that the Warrantor replaces shall become the Warrantor's property on the date the Warrantor ships the repaired product(s) or part back to the Purchaser. The Warrantor will use all reasonable efforts within thirty (30) days of receipt of the defective product(s) to repair or replace such product(s). If a warranty claim is invalid for any reason, the Purchaser will be charged at the Warrantor's then-current rates for services performed and will be charged for all necessary repairs and expenses incurred by the Warrantor. If the Warrantor determines that a warranty claim is valid, it will ship the repaired or replaced product(s) to the Purchaser at the Warrantor's cost.

RENOGY MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIEDWARRANTYORCONDITION ARISINGOUT OF A COURSE OF DEALING, CUSTOMER OR USAGE OF TRADE.

LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES WILL RENOGY OR ITS AFFILIATES OR SUPPLIERS BE LIABLE OR RESPONSIBLE FOR ANY LOSS OF USE, INTERRUPTION OF BUSINESS, LOST PROFITS, LOST DATA, OR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, EVEN IF RENOGY OR ITS AFFILIATE OR SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCHDAMAGE.

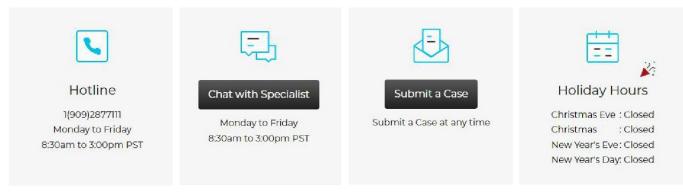


Some states do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. Neither Renogy nor its affiliates or suppliers will be held liable or responsible for any damage or loss to any items or products connected to, powered by or otherwise attached to the Product. The total cumulative liability to the Purchaser, from all causes of action and all theories of liability, will be limited to and will not exceed the purchase price of the Product paid by the Purchaser. This warranty gives you specific legal rights and you may also have other legal rights that vary from state tostate.



Renogy loves to hear from and support our customers.

We have a dedicated Technical Team to help build the right Solar Solution for you. The related support information can be found below.



Renogy, Find Your Energy Freedom

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