RENOGY
Find Your Energy Freedom™

Limited Warranty for All

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.

Part 1 Batteries and Power Stations

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
After 12 Months	$\text{Original Purchase Price} \times \left(1 - \frac{\text{Remaining Warranty Period (in Months)}}{\text{Total Warranty Period (in Months)}}\right)$

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

GEL Battery RNG-BATT-GEL12-200; RNG-BATT-GEL12-100; RNG-BATT-GEL12-160; RNG-BATT-GEL6-260	3-year material and workmanship warranty
GEL Battery RBT100GEL12; RBT200GEL12 RBT100GEL12B (The battery box is warranted separately for 1 year)	2-year material and workmanship warranty
AGM Battery	2-year material and

RNG-BATT-AGM12-100; RNG-BATT-AGM12-200; RNG-BATT-AGM6-260 RNG-BATT-AGM12-7; RNG-BATT-AGM12-9; RNG-BATT-AGM12-18 RBT100AGM12B (The battery box is warranted separately for 1 year) RBT1270AGM-ST	workmanship warranty
/	5-year prorated material and workmanship warranty
LFP Battery RNG-BATT-LFP-12-50; RNG-BATT-LFP-12-100; RNG-BATT-LFP-12-170 RBT100LFP12-BT; RBT200LFP12-BT RBT2425LFP; RBT2450LFP	3-year material and workmanship warranty
LFP Battery RBT4850LFPSH;RBT48105LFP-GC;RBT24100LFPSH;RBT24200LFPSH; RBT12200LFP;RBT12200LFP-B;RBT12300LFPSH;RBT100LFP12S;RBT12135LFP-SHBT;RBT12200LFP-SHBT;RBT12500LFP-SHBT;RBT1250LFP;RBT12100LFP; RBT1220LFP-TM;RBT12100LFP-TM-BT;RBT12100LFP-TM-BT;RBT12100LFP-M; RBT12200LFP-M;RBT12300LFP-M	5-year material and workmanship warranty
LFP Battery RBT12100LFP-BT;RBT12200LFP-BT;RBT12120LFP-SBH;RBT12240LFP-SBH	7-year material and workmanship warranty
LFP Battery RBT12104LFP-SSL-BT;RBT12104LFP-SSBH	8-year material and workmanship warranty
Battery Box RBB2431; RBB400	1-year material and workmanship warranty
Portable Power Station RNG-ELM-LYCAN RNG-CMP-T100; RNG-CMP-RPP RNG-ELM-PHOENIX; R300PHXE R100PHX; R200PHX; R300PH RPS2220AA; RPS3250AA; RPS5080AA-PCS RPS100150AA-PCS	1-year material and workmanship warranty
Backup Power Box RPB4835OA-48LFPA12S; RPB4850OA-48LFPA1SS	3-year material and workmanship warranty

3. Exclusions and Limitations for Batteries

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.

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 RSP405D-BB-108；RSP405D-BB RSP450D-120; RSP450D-BK-120 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;RSP100DC;RSP250DCT;RSP320DT-BK;RSP130DCT RSP175DC;RSP200DC;RSP195DC;RSP320DC-BK;RSP590DCT-144	10-year material and workmanship warranty

RNG-10D; RNG-10D-SS RNG-20D；RNG-30D; RNG-30D-SS; RKIT30DST RNG-50D; RNG-50D-SS; RNG-50P RNG-80D-SS；RNG-100MB; RNG-100P； RNG-160P; RNG-50DB-H；RNG-100DB-H；RNG-160DB-H；RNG-175DB-H； RSP100DL-36； RSP200DB-72；RNG-50MB-ME；RNG-KIT-STCS60D RNG-KIT- STCS100D；RNG-KIT-STCS100D-NC； 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； RSP200SCR100DAUR; RSP150MCB-BB-T;RSP150MCB-BB-P	5-year material and workmanship warranty
RSP400LSC；RSP220LSC；RPP220LSC-VOY20；RSP300LSC； RSP100LSC	3-year material and workmanship warranty
RPP30EF-SE;RPP30EF-LN	1.5-year material and workmanship warranty
RPP100EF-SE;RPP200EF-SE;RPP200SB-SE;RSP400SB	2-year material and workmanship warranty
RNG-30D-C; RNG-30D-R RNG-KIT-STCSLW-50MB-10CC； RNG-KIT-STCSLW-50MB-NC； RNG-KIT-STCSLW-100MB-10CC； RNG-KIT-STCSLW-100MB-NC； RSP80EF; RSP120EF; RSP220EF；	1-year material and workmanship warranty

2. <u>Performance Warranty period for the following Solar Panels after August 1st, 2015:</u>

*Excluding charge controller and wire defects.

*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 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	5-year 95% output warranty 10-year 90% output warranty 25-year 80% output warranty

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 RNG-320P RNG-50MB-ME; RNG-KIT-STCS60D RNG-KIT-STCS100D; RNG-KIT-STCS100D-NC 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;RSP100DC; RSP250DCT;RSP320DT-BK;RSP130DCT;RSP150MCB-BB-T;RSP150MCB-BB-P RSP175DC;RSP200DC;RSP195DC;RSP320DC-BK;RSP590DCT-144	
RNG-50DB-H; RNG-100DB-H; RNG-160DB-H; RNG-175DB-H; 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； RNG-CTRL-WND30-LI；RNG-CTRL-VOY20； RNG-CTRL-VS-TS； RNG-CTRL-CMD20； RNG-CTRL-CMD40；RNG-CTRL-CMD60	1-year material and workmanship warranty
Charge Controller RNG-CTRL-WND10；RNG-CTRL-WNDPG10 RCC10VOYP；RCC20VOYP；RNG-CTRL-ADV30-LI； RCC20RVRE；RCC40RVRE； RCC10RVRB; RCC60RVRE; RCC20RMS;	2-year material and workmanship warranty
Charge Controller RNG-CTRL-RVR20；RNG-CTRL-RVR30；RNG-CTRL-RVR40； RNG-CTRL-RVRPG20；RNG-CTRL-RVRPG30；RNG-CTRL-RVRPG40； RNG-CTRL-RVRPG60；RNG-CTRL-RVR60；RNG-CTRL-RVR100；	3-year material and workmanship warranty
Charge Controller RCC60REGO; RCC30REGO;	5-year material and 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； R-INVT-PGH1-10111S；R-INVT-PGH1-20111S；	1-year material and workmanship warranty

RIV1210P2-10S; RIV1220P2-10S; RIV1210PU-126;RIV1220PU-126;RIV1230PU-126; RIV2420P2-10S;;RIV2420P2-12S;RIV2420P2-23S;	
RIV1230PUH-126	2-year material and workmanship warranty
RIV1230P2-126；RIV1220PU-235;RIV1220PU-245	3-year material and workmanship warranty
RIV1230PG-126;RIV1220RCH-24S	5-year material and workmanship warranty
Inverter Charger RNG-INVT-1000-12V-C； R-INVT-PCL1-20123S；R-INVT-PCL1-20123S； R-INVT-PCL1-20111S；R-INVT-PCL1-30111S； RIV4835CSH1S	1-year material and workmanship warranty
RIV2430HCS-2SS;RIV4850HCS-10S;RIV2430PCS-10S;RIV4835PCS-1SS	1.5-year material and workmanship warranty
Inverter Charger RIV1230RCL-1SS; RIV4835PCS-1SS	2-year material and workmanship warranty
Inverter Charger RIV1230RCH-SPS RIV1230RCH-23S;RIV1230RCH-24S	5-year material and workmanship warranty
Hybrid Inverter RIV4880PCS-SPS	5-year material and workmanship warranty
Battery Charger RNG-BATT-ISO200； RNG-DCC1212-20；RNG-DCC1212-40；RNG-DCC1212-60； RNG-DCC1212-100	1-year material and workmanship warranty
Battery Charger RBC20A1P;RBC10A2P;RBC30D1S;RBC50D1S;RBC40D1U;RBC20D1U;	2-year material and workmanship warranty
RBC2125DS-21W; RBC2125DS-21W-B-AD; RBC1260DO-12B;	3-year material and workmanship warranty

Part 4 IOT Monitors and Accessories

Monitoring &Management RNG-CTRL-BT-1； RCM-BT1；RCM-BT2；RCM-HUB； RNG-CTRL-DM-1；RNG-TRCRMTR-MT-1； RNG-TRCRMTR-MT-5； RNG-TRCRMTR-MT-50；RMS-RVRE；RMS-DCDC；RMS-LFPS； RNG-INVT-C-RC；RMS-PGH；RMS2SRL-W; RSHST-B02P300;	1-year material and workmanship warranty
Smart Monitoring &Management RMS-LP4-G2； RSHGWSN-W02W; RBM500;	2-year material and workmanship warranty
Smart Monitoring &Management	5-year material and

RSHSN-W02W7;	workmanship warranty
Accessory RNG-CTRL-TS; RNG-VOY-TS; RTSCC; RTSDCC; RVSCC; RTSVOY; SOLAR CONNECTOR ASSEMBLY TOOL; 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;	1-year material and workmanship warranty
RCA02LB-67; RCA10LL-6767; RCA23LL-6767; RCA10LR-6745; RCA20LR-6745;	3-year material and workmanship warranty
Smart Distribution Box RSHCB-C02P;	5-year material and workmanship warranty
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; 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	3-year material and workmanship warranty
Protection Device RNG-CNCT-FUSE10; RNG-CNCT-FUSE15; RNG-CNCT-FUSE20;	1-year material and workmanship warranty

RNG-CNCT-FUSE30； RNG-ANL-FUSE20；RNG-ANL-FUSE30；RNG-ANL-FUSE40； RNG-ANL-FUSE60 ； RNG-ANL-FUSE100 ； RNG-SET-ANL20 ； RNG-SET-ANL30；RNG-SET-ANL40；RNG-SET-ANL60；RNG-SET-ANL100； SUNDCCB10MN1P ； SUNDCCB16MN1P ； SUNDCCB32MN1P ； SUNDCCB50MN1P；SUNDCCB63MN1P；SUNDCCB160MC2P；RPD80NH00; RPD355NH2; RPD400NH2	
Electrical Enclosure RPVCOM5SMN7P; RDCCBBMN5PMC2P REC400RSCB-4P; REC400RBCB-3P	1-year material and workmanship warranty
Mount & Bracket RNG-MTS-ZB；RNG-MTS-ACB；RNG-MTS-CB；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	1-year material and workmanship warranty

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

Without the involvement of the Warrantor in the system design and the express written authorization from the Warrantor, the products are not intended for use as the primary or backup power source for life support systems or other medical equipment, or any use where products 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 products 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. 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.

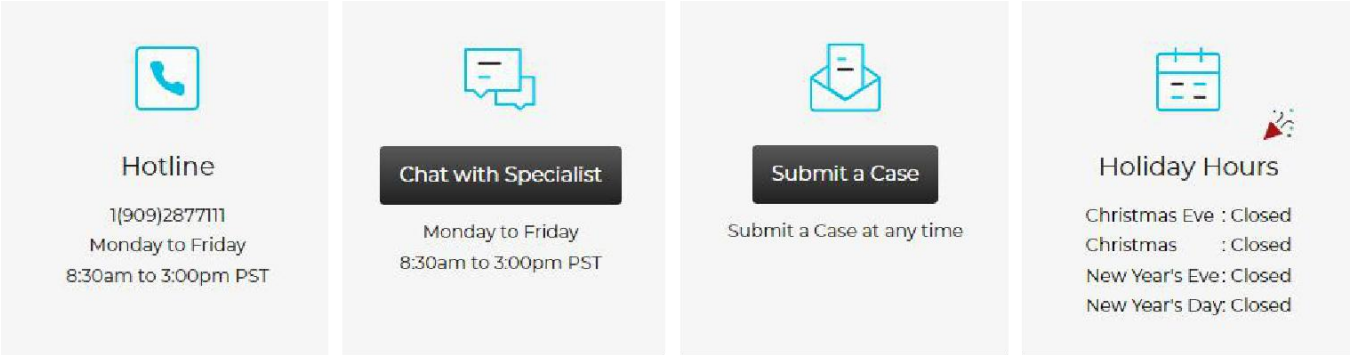
LIMITATION OF LIABILITY

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
5050 S Archibald Ave,
Ontario, CA 91762
Phone: 909-287-7111
Fax: 888-543-11