Power. On Your Terms.

10 Year Limited Warranty

PHI 2.7™ | PHI 3.5™ | 60A

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10 Year Limited Warranty:

PHI 2.7™ | PHI 3.5™ | 60A | 24V | 48V

Section 1.0 – Limited Pro-Rated Warranty Coverage

The SimpliPhi Power PHI 2.7™ and PHI 3.5™ Battery (the "SimpliPhi Product") as manufactured and sold by SimpliPhi Power, Inc., a Delaware corporation, is warranted (the "Limited Warranty") by SimpliPhi Power, Inc. against manufacturing defects in materials and workmanship for a period of ten (10) years (the "Limited Warranty Period") or for 10,000 cycles on a prorated basis, whichever comes first, when installed and operated within the specifications provided in the SimpliPhi Installation Manual for Operating Parameters (Tables 1.0 & 2.0).

The term of this Limited Warranty (i) begins on the original date of purchase of the SimpliPhi Product(s) as indicated on the Limited Warranty Registration Card submitted to SimpliPhi Power and (ii) continues through the Limited Warranty Period. This Limited Warranty applies only to the original end-use purchaser of the SimpliPhi Power Product(s) and is transferable only if the SimpliPhi Power Product(s) remain installed in the Original Use Location. SimpliPhi Power does not warrant or guarantee workmanship performed by any person or firm installing the SimpliPhi Power Product(s). This Limited Warranty does not cover the cost of installation, removal, shipping or reinstallation. This Limited Warranty does not cover faults in design or installer error such as reverse polarity or misuse of system wide equipment or inaccurate programming of all ancillary equipment in your system. Failure to comply with the operating parameters in the Installation Manual will void the Warranty.

This Limited Warranty applies only to SimpliPhi Power Product(s):

a) purchased from SimpliPhi Power Inc. or an authorized SimpliPhi Power distributor, dealer or reseller and
b) installed by a licensed professional. In the event you rent or lease the SimpliPhi Power Product(s), no end-user purchase takes place; therefore, this Limited Warranty does not apply and you must contact your rental or leasing company to determine whether Warranty coverage is applicable.

The liability of SimpliPhi Power under this Limited Warranty shall be limited to the repair or replacement of the SimpliPhi Power Product(s), at SimpliPhi Power's sole discretion. If the SimpliPhi Power Product(s) are found to be defective as a result of any manufacturing defect in materials and workmanship during the Limited Warranty Period, SimpliPhi Power will, at its sole discretion either (i) repair the SimpliPhi Power Product(s) or (ii) replace the SimpliPhi Power Product(s). If a SimpliPhi Power Product(s) are replaced, the returned SimpliPhi Power Product(s) will become the property of SimpliPhi Power and must be sent to SimpliPhi Power free of any third-party ownership claims. The Warranty period of any repaired SimpliPhi Power Product(s) or its replacement is twelve (12) months from the date of shipment from SimpliPhi Power, or the remaining term of the Limited Warranty Period, whichever is greater.

CAUTION: Circuit Breakers, Disconnects and Fuses should be employed throughout several points of a Power storage and generation installation to effectively isolate and protect all components of the system to safeguard against faults, short circuits, polarity reversals or a failure of any component in the overall

system. Fuses, breakers, wire ratings and values should be determined by established standards and evaluated by certified electricians, licensed installers, and regional code authorities. Although each PHI Battery contains both an 80 Amp circuit breaker and an internal BMS with circuitry that protects the Lithium Ferrous Phosphate cells from overcharge, over-discharge and excessive load amperage, the PHI Batteries must always be installed with a charge controller and the appropriate voltage settings to protect the PHI from open PV voltage and other high voltage charging sources. The PHI Battery Management System (BMS) and internal circuit breaker alone will not protect the PHI batteries from these extreme electrical phenomena. Failure to adhere to installation protocol will void the Warranty. To obtain maximum lifetime capacity (cycle life), a properly sized bank will operate at an average maximum output not to exceed C/2 (refer to other limitations as identified herein for each model). Ensure the size of the bank is greater than twice the kW load.

CAUTION: All PHI batteries must be fully charged before commissioning the installation/system. Failure to do so will void the Warranty.

CAUTION: Verify polarity at all connections with a standard volt meter before

1.) Energizing the system and
2.) Turning the PHI 80 Amp breaker “ON/OFF” switch to the “ON” position. Reverse polarity at the battery terminals will void the Warranty and destroy the batteries.

CAUTION: Only use a SimpliPhi approved LFP charger if ancillary charging is required before installation, testing or troubleshooting. Failure to use a SimpliPhi approved LFP charger will damage the battery and void the warranty.

CAUTION: Charging LFP batteries at temperatures below freezing. Do not attempt to charge the battery below 32 F (0 degrees C). Attempts to charge at subfreezing temperatures can adversely affect SOH and cycle life, and will void the Warranty.

If the battery must be charged below 32 F (0 degrees C), the rate of charge must be at no more than 5% of the battery’s rated capacity (C/20).

Section 2.0 – SimpliPhi Power Guide for Operating Parameters

Although SimpliPhi batteries are capable of performing at very high rates and depths of discharge within a very wide temperature range, in order to achieve extended life cycles and to comply with the Warranty, the following guidelines should be followed:

Table 1.0

Operating Parameters for 10 Year Warranty						
Equivalent to 80% Retained Capacity	10,000 cycles		5,000 cycles		3,500 cycles	
Discharge/Charge Rate[1,2]	C/2					
Depth of Discharge (DoD)[4]	80%		90%		100%	
Operating Temperature °F (°C)	32 to 110 (0 to 43)		32 to 120 (0 to 49)		32 to 120 (0 to 49)	
Programming Settings for Ancillary Equipment						
PHI Battery Voltage	**24V**	**48V**	**24V**	**48V**	**24V**	**48V**
Absorb / High Cut-Off Voltage (V)[3]	28	56	28.8	57.6	28.8	57.6
Recharge / Low Cut-Off Voltage (V)[3]	25.1	50.2	24.8	49.6	24	48

[1]Continuous charge/discharge rate limitations vary per PHI battery model. See table 2 below

[2] 60A Discharge Rate (10 minutes maximum)

[3] Levels are typically @ 25°C and may need adjusting at temperature extremes.

[4] When performing rapid deep charge/discharge cycles, the battery should be allowed to "rest" 15 mins in between.

Table 2.0

Operating Limitations				
Battery Model	**PHI 2.7**		**PHI 3.5**	
Battery Voltage	**24V**	**48V**	**24V**	**48V**
Continuous Discharge Rate (A)	45	26	45	34
Continuous Charge Rate (A)	45	26	45	34

Section 3.0 – Obtaining Warranty Service

To activate this Limited Warranty, the attached Limited Warranty Registration Form must be completed and forwarded to SimpliPhi Power pursuant to the instructions set forth in the Limited Warranty Registration Form in order for SimpliPhi Power to know the Original Use Location and the SimpliPhi Power Product(s) involved. It is important that you complete the Limited Warranty Registration Form since that is the only way SimpliPhi Power knows the Original Use Location and the SimpliPhi Power Product(s) involved. This Limited Warranty applies only to the SimpliPhi Power Product(s) that are (i) registered on the Limited Warranty Registration Form attached to this Limited Warranty and (ii) installed in the Original Use Location which shall be described by inserting the address of the Original Use Location in the space "Address of Installation" provided in the Limited Warranty Registration Form and name of installer/distributor or supplier.

To request Warranty service, your Installer/Distributor/Supplier must contact SimpliPhi Power Technical Support in writing at TechSupport@SimpliPhiPower.com within the Limited Warranty Period. Either SimpliPhi Power or its authorized representative will attempt to troubleshoot the SimpliPhi Power Product(s) at the Original Use Location to determine whether the SimpliPhi Power Product(s) are defective. If SimpliPhi Power determines that Warranty service is required Technical Support will assist in getting authorization for a Return Material Authorization ("RMA") number and instruct you how to submit the RMA through TechSupport@SimpliPhiPower.com. To be prepared for Technical Support assistance you need to provide in writing to your Installer/Distrbutor/Supplier all the following information (at a minimum):

- Proof of date and place of purchase in the form of a copy of the purchase invoice for the original SimpliPhi Power Product(s)
- The SimpliPhi Power Product model number and serial number
- A picture of the SimpliPhi Power Product(s) and the installation
- A single line drawing
- A copy of the installation protocol
- Inverter settings
- Address where the SimpliPhi Power Product(s) are located
- Description of the problem
    - Events / symptoms leading up to the problem with the SimpliPhi Power Product(s)
    - Resolutions attempted

After receiving the RMA number, you may be required to pack the authorized SimpliPhi Power Product(s) for return, along with the information described above and any other information requested on the RMA, in the original SimpliPhi Power Product shipping container or packaging providing equivalent protection with the RMA number marked clearly on the shipping container(s). You must prepay all shipping charges covering shipment to the location designated by SimpliPhi Power, and you must insure the shipment and accept the risk of loss or damage during shipment. SimpliPhi Power is not responsible for shipping damage caused by an improperly packaged SimpliPhi Power Product, the repairs this damage might require, or the cost of these repairs.

If, upon receipt of the SimpliPhi Power Product(s), SimpliPhi Power determines the SimpliPhi Power Product(s) are defective and that the defect is not covered under the terms of this Limited Warranty,

SimpliPhi Power will invoice for the replacement product. Upon receipt of payment, the SimpliPhi Power Product(s) will be shipped to you, freight prepaid, non-expedited, using a carrier of SimpliPhi Power's choice for shipment.

Section 4.0 – Exclusions and Limitations

This Limited Warranty does not apply to the SimpliPhi Power Product(s) or any SimpliPhi Power Product part (i) if the SimpliPhi Power Product(s) have logged in excess of 10,000+ cycles or a period of 10 years or (ii) if the SimpliPhi Power Product(s) or any SimpliPhi Power Product part has been modified or damaged by the following:

- Installation or Removal
- Alteration or Disassembly
- Normal Wear and Tear
- Accident or Abuse (Being Dropped, etc.)
- Corrosion - Inappropriate Environmental Exposure
- Repair or Service Provided by an Unauthorized Repair Facility
- Lightning
- Operation Contrary to Manufacturer Product Instructions
- Fire, Flood or Acts of God
- Excessive Heat or Cold Conditions
- Water Damage
- Shipping or Transportation
- Incidental or Consequential Damage Caused by Other Components of the Power System Including but not Limited to Inverters, Charge Controllers, Breakers, Bypass Switches, Fuses, etc.
- Any Product Whose Serial Number has been Altered, Defaced or Removed
- Operation in a Non-Intended Use, or a Use Which Exceeds the Recommended or Permitted Limits or Loads of the SimpliPhi Power Product outlined in the SimpliPhi Power Product Specification Sheets and Installation Manuals

THIS LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY APPLICABLE TO THE SIMPLIPHI POWER PRODUCT(S). SIMPLIPHI POWER EXPRESSLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTIES OF THE SIMPLIPHI POWER PRODUCT(S), INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY AFTER THE LIMITED WARRANTY PERIOD.

SIMPLIPHI POWER ALSO EXPRESSLY LIMITS ITS LIABILITY IN THE EVENT OF A PRODUCT DEFECT TO REPAIR OR REPLACE IN ACCORDANCE WITH THE TERMS OF THIS LIMITED WARRANTY. ANY AND ALL LIABILITY FOR INCIDENTIAL OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION ANY LIABILITY FOR SIMPLIPHI POWER PRODUCT(S) NOT BEING AVAILABLE FOR USE OR LOST REVENUES OR PROFITS, EVEN IF SIMPLIPHI POWER HAS BEEN ADVISED OF THE POTENTIAL FOR SUCH DAMAGES, ARE EXPRESSLY EXCLUDED FROM THIS LIMITED WARRANTY. SOME STATES (OR JURISDICTIONS) MAY NOT ALLOW THE EXCLUSION OR LIMITATION OF CERTAIN WARRANTIES OR DAMAGES, SO SOME OF THE ABOVE EXCLUSIONS MAY NOT APPLY TO YOU.

If there is any inconsistency between this Limited Warranty and any other agreement or statement included with or relating to SimpliPhi Power Product(s) or services, this Limited Warranty shall govern. If any provision of this Limited Warranty is found invalid or unenforceable, it shall be deemed modified to the minimum extent necessary to make it enforceable and the remainder of this Limited Warranty shall remain valid and enforceable according with its terms.

Section 5.0 – Consumer Protection and Other Laws May Apply

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Some states may provide for additional warranty rights and remedies, and the provisions contained in this Limited Warranty are not intended to limit, modify, take away from, disclaim or exclude any mandatory Warranty requirements provided by states, including certain implied Warranties. This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. **Your acceptance and use of the SimpliPhi Power Product(s) constitutes acceptance of the terms, conditions and limitations of this Limited Warranty.** The terms, conditions and limitations of this Limited Warranty will supersede any other agreement or document relating to the subject matter hereof, including, but not limited to, the terms and conditions that are part of a purchase order covering the SimpliPhi Power Product(s) or other document sent to SimpliPhi Power by you relating to the SimpliPhi Power Product(s).

Section 6.0 – Contacting SimpliPhi

To obtain Warranty service, please contact us as follows:

SimpliPhi Power, Inc.
420 Bryant Circle
Ojai, California, 93023
805.640.6700
techsupport@simpliphipower.com

For technical support, please contact us as follows:

805.640.1874
techsupport@simpliphipower.com

Instructions for Warranty registration:
Please fill out the attached form, detach, affix First Class postage, include your return address, fold and tape shut with clear tape on bottom and sides before mailing. We recommend you keep a copy of your completed Warranty Registration Form for your records. This form is for product registration. Failure to complete and return the form does not diminish the consumer's warranty rights. *It is important that you complete the Limited Warranty Registration Form since that is the only way SimpliPhi Power knows the Original Use Location and the SimpliPhi Power Product(s) involved.

SimpliPhi Power Warranty Registration

Customer Information:

Name: _____

Address of Installation: _____

_____

Phone: _____

Email: _____

Product Model: _____

Quantity: _____ Date of Installation: _____ Date of Commissioning: _____

Serial Numbers:

1._____	8._____	15._____
2._____	9._____	16._____
3._____	10._____	17._____
4._____	11._____	18._____
5._____	12._____	19._____
6._____	13._____	20._____
7._____	14._____	21. _____

For orders that exceed (21) PHI2.7™ or PHI3.5™ batteries please provide Serial Numbers on a separate page.

Date of Purchase: _____

First time Purchase, Replacement or Additional? _____

Where did you purchase this product? _____

Company Name of Licensed Installer: _____

Licensed Installer Contact Information:

Contact: _____

Address: _____

Phone: _____

Email: _____

SimpliPhi Power, Inc.
420 Bryant Circle
Ojai, California, 93023