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December 9, 2014

RE: Manufacturer's Certification Statement

Dear Valued Partner,

SMA Solar Technology America, LLC, dba SMA America, LLC, certifies that the inverters and accessories listed in Attachment A to this certification meet one or both of the requirements cited as "energy property". For dwelling units, the inverters and accessories listed in Attachment A are qualified solar electric properties per IRS Code Section 25D (26 USC 25D). The listed inverters and accessories are properties which use solar energy to generate electricity for use in a qualifying dwelling unit. For non-residential use, the inverters and accessories listed in Attachment A qualify for energy credits as an "energy property" per IRS Code Section 48 (26 USC 48). The items on Attachment A qualify as "equipment which uses solar energy to generate electricity".

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts presented are true, correct, and complete.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Henry Dziuba", with a small blue dot to its right.

Henry Dziuba  
President & General Manager  
SMA Solar Technology America, LLC

Attachment A - SMA America, LLC - Product List - December 9, 2014	
Product	Part Number
<b>Residential Systems</b>	
<b>Micro Inverters and accessories</b>	
Sunny Boy 240-US-99-10	SB240-US-99-10
Multigate grid connect and communications gateway	MULTIGATE-US-10
AC cable, length 2m, Landscape, Quantity of 24	MI-ACCAB20-US-10
AC cable, length 1.4m, Portrait, Quantity of 24	MI-ACCAB14-US-10
DC-MC4 adapter for the PV module, Quantity of 24	MI-DCMC4-US-10
DC-TYCO adapter for the PV module, Quantity of 24	MI-DCTYCO-US-10
AC cable for split arrays or homeruns, 100 m cable roll	MG-ACCAB100-US-10
AC cable for split arrays or homeruns, 200 m cable roll	MG-ACCAB200-US-10
<b>Transformerless String Inverters</b>	
<b>Inverters with AFCI</b>	
Sunny Boy 3000TL-US-22 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB3000TL-US-22
Sunny Boy 3800TL-US-22 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB3800TL-US-22
Sunny Boy 4000TL-US-22 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB4000TL-US-22
Sunny Boy 5000TL-US-22 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB5000TL-US-22
Sunny Boy 6000TL-US-22 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB6000TL-US-22
Sunny Boy 7000TL-US-22 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB7000TL-US-22
Sunny Boy 7700TL-US-22 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB7700TL-US-22
Replacement DC Disconnect (For Sunny Boy TL-US-22 Models Only)	DC-DISCON2TLUS-10
Webconnect interface type data module as retrofit kit	SWDM-US-10
RS485 Interface type data module as retrofit kit	DM-485CB-US-10
Sunny Boy 6000TL-US-12 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB6000TLUS-12
Sunny Boy 7000TL-US-12 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB7000TLUS-12
Sunny Boy 8000TL-US-12 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB8000TLUS-12
Sunny Boy 9000TL-US-12 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB9000TLUS-12
Sunny Boy 10000TL-US-12 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 208/240 VAC	SB10000TLUS-12
Sunny Boy 11000TL-US-12 Standard: with DC Disconnect, LCD, Grey Lid, AFCI, 240 VAC	SB11000TLUS-12
Combiner Box (unfused) for use with the SB6000-11000TLUS-XX inverters	SBCBT6-10
Replacement DC Disconnect (For Sunny Boy TL-US-12 Models Only)	DC-DISCONTLUS-12

**Attachment to SMA America, LLC's Manufacturer's Certification Statement – Dec. 9, 2014**

Inverters without AFCI	
Sunny Boy 8000TL-US Standard: with DC Disconnect, LCD, Grey Lid, 208 VAC	SB8000TLUS-10
Sunny Boy 9000TL-US Standard: with DC Disconnect, LCD, Grey Lid, 208 VAC	SB9000TLUS-10
Sunny Boy 10000TL-US Standard: with DC Disconnect, LCD, Grey Lid, 208 VAC	SB10000TLUS-10
Combiner Box (unfused) for use with the SB6000-11000TLUS-XX inverters	SBCBTL6-10
Replacement DC Disconnect (For Sunny Boy TL-US-10 Models Only)	DC-DISCONTLUS-10
<b>String Inverters with Transformers</b>	
Inverters with AFCI	
Sunny Boy 3000US, Standard: with DC Disconnect, LCD, Grey Lid AFCI, 208/240 VAC	SB3000US-12
Sunny Boy 3800US, Standard: with DC Disconnect, LCD, Grey Lid AFCI, 240 VAC	SB3800-US-12
Sunny Boy 4000US, Standard: with DC Disconnect, LCD, Grey Lid AFCI, 208/240 VAC	SB4000US-12
Sunny Boy 5000US, Standard: with DC Disconnect, LCD, Grey Lid AFCI, 208/240/277 VAC	SB5000US-12
Sunny Boy 6000US, Standard: with DC Disconnect, LCD, Grey Lid AFCI, 208/240/277 VAC	SB6000US-12
Sunny Boy 7000US, Standard: with DC Disconnect, LCD, Grey Lid AFCI, 208/240/277 VAC	SB7000US-12
Sunny Boy 8000US Standard: with DC Disconnect, LCD, Grey Lid AFCI, 240, 277 VAC	SB8000US-12
Replacement DC Disconnect (For Sunny Boy US or US-12 Models)	DC-DISCONU-22
Inverters without AFCI	
Sunny Boy high frequency SB 2000HFUS , 208/240 VAC	SB2000HFUS-30
Sunny Boy high frequency SB 2500HFUS, 208/240 VAC	SB2500HFUS-30
Sunny Boy high frequency SB 3000HFUS, 208/240 VAC	SB3000HFUS-30
485 Quick Module for "HF" inverter	485QMUS-10-NR
Flush Mount Kit for SB2000HF-US – SB3000HF-US	MOUNT-KIT-10-NR
Replacement Grounding Plug	PLUGIN-GRD-10-NR
Sunny Boy 3000US, Standard: with DC Disconnect, LCD, Grey Lid, 208/240 VAC	SB3000US
Sunny Boy 3800US, Standard: with DC Disconnect, LCD, Grey Lid, 240 VAC	SB3800-US-10
Sunny Boy 4000US, Standard: with DC Disconnect, LCD, Grey Lid, 208/240 VAC	SB4000US
Sunny Boy 5000US, Standard: with DC Disconnect, LCD, Grey Lid, 208/240/277 VAC	SB5000US
Sunny Boy 6000US, Standard: with DC Disconnect, LCD, Grey Lid, 208/240/277 VAC	SB6000US
Sunny Boy 7000US, Standard: with DC Disconnect, LCD, Grey Lid, 208/240/277 VAC	SB7000US
Sunny Boy 8000US Standard: with DC Disconnect, LCD, Grey Lid, 240, 277 VAC	SB8000US
Replacement DC Disconnect (For Sunny Boy US or US-12 Models)	DC-DISCONU-22
<b>Commercial Systems</b>	
Sunny Tripower without Connection Unit, US Models (277/480V only)	
Sunny Tripower 12000TL-US-10 includes SWDM-US-10	STP12000TL-US-10
Sunny Tripower 15000TL-US-10 includes SWDM-US-10	STP15000TL-US-10
Sunny Tripower 20000TL-US-10 includes SWDM-US-10	STP20000TL-US-10
Sunny Tripower 24000TL-US-10 includes SWDM-US-10	STP24000TL-US-10

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Sunny Tripower Rack with AC Switch	
STP-RACK-CU-AC4-15	34-101000.01
STP-RACK-CU-AC4-20	34-101100.01
STP-RACK-CU-AC4-24	34-101200.01
MLX 60 UL (400/480V only)	
MLX 60 UL with DC Switch	139F5001
Inverter Manager (Outdoor) *One Inverter Manager per 42 MLX Inverters	IMA-US-10
<b>Hybrid Systems</b>	
Sunny Island, US Models	
Sunny Island 4548 US	SI4548-US-10
Sunny Island 6048 US	SI6048-US-10
FSC - Main Controller Module (Fuel Save Controller)	FSC-11-CONT
FSC - Data Acquisition Module (Fuel Save Controller)	FSC-11-DAQ
FSC - Interface Module (Fuel Save Controller)	FSC-11-IFM
<b>Communication &amp; Control</b>	
485 Quick Module for "HF" inverter	485QMUS-10-NR
RS485 Communication Module	485USPB-NR
Sunny Beam	BEAM-BT-11
SMA Bluetooth Piggy-Back Plus	BTPB-EXTANT-NR/US
Bluetooth Piggy Back Card	BTPBINV-NR
Blue Tooth Repeater	BTREP-IN
SMA Cluster Controller	CLCON-10
DC Connection Unit	CU1000-US-10
RS485 Communication Module	DM-485CB-US-10
Additional fan kit for use of inverters in high ambient temperatures	FANKIT02-10
Multi Cluster Box	MCB-12U
Multicluster Piggyback	MC-PB
Mounting plate for mounting the Sunny SensorBox on module rail	Monplat-SSensor
Flush Mount Kit for SB2000HF-US - SB3000HF-US	MOUNT-KIT-10-NR
Power Balancer kit	PBL-SBUS-10-NR
Replacement Grounding Plug	PLUGIN-GRD-10-NR
Roof bracket for mounting the Sunny SensorBox	Roofan-Sensor
RS485 Cable, 50', DB9-Wire	RS 485 CABLE
RS485 Communication Module	SI-485PB-NR
Smartformer Transformer and Distribution Box 120/24V	SI-TD-Box-10
Sunny Sensor Box	SUNNYSSENSOR

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Web Box	SUNNYWEBBOXU
Webconnect interface type data module as retrofit kit	SWDM-US-10
Ambient Temperature Sensor	TEMPSENSOR-AMB
Additional Module Temperature Sensor	TEMPSENSOR-MODULE
Sunny Boy PC Service Cable	USBPBS
Wall mount for the wind speed sensor	Wall-Mount-Bracket
Web Box with Blue Tooth	WEBBOX-BT-20
Anemometer, wind speed sensor	WINDSENSOR
<b>Sunny Central</b>	
Sunny Central SC500CP-US	SC-500CP-US-10
Sunny Central SC500CP-US, 600V	SC-500CP-US-10, 600V
Sunny Central SC630CP-US	SC-630CP-US-10
Sunny Central SC720CP-US	SC-720CP-US-10
Sunny Central SC750CP-US	SC-750CP-US-10
Sunny Central SC800CP-US	SC-800CP-US-10
Sunny Central SC850CP-US	SC-850CP-US-10
Sunny Central SC900CP-US	SC-900CP-US-10
<b>Sunny Central 500CP XT</b>	
Sunny Central 500CP XT	SC-500CP-10
Sunny Central 630CP XT	SC-630CP-10
Sunny Central 720CP XT	SC-720CP-10
Sunny Central 760CP XT	SC-760CP-10
Sunny Central 800CP XT	SC-800CP-10
Sunny Central 850CP XT	SC-850CP-10
Sunny Central 900CP XT	SC-900CP-10
<b>Disconnect Unit for SCxxxUS/CA &amp; SC</b>	
Disconnect Unit for SCxxxUS/CA & SC	DU-SC-US
Sunny Central String-Monitor US	SSM-US
<b>Combiner Box</b>	
6 Circuit Combiner Box, Without Fuses, NEMA 3R	SBCB-6-3R
Combiner Disconnect Switch, 600Vdc, 30A, 4 Circuit, 10A Fuses (Included)	COMBO-SWITCH-10
Combiner Box (unfused) for use with the SB6000-11000TLUS-XX inverters	SBCBTL6-10
SC Combiner Box, 12 Circuit, NEMA 3R	SCCB-12-3R
SC Combiner Box, 12 Circuit, NEMA 4	SCCB-12-4
SC Combiner Box, 28 Circuit, NEMA 3R	SCCB-28-3R
SC Combiner Box, 28 Circuit, NEMA 4	SCCB-28-4
SC Combiner Box, 52 Circuit, NEMA 3R	SCCB-52-3R
SC Combiner Box, 52 Circuit, NEMA 4	SCCB-52-4