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June 30, 2022

Lumio Solar 12600 Challenger Parkway, Suite 200 Orlando, FL 32826 Scott

Wyssling,

PE

Digitally signed by Scott Wyssling, PE
DN: C=US, S=Utah, L=Alpine,
O=Wyssling, Consulting, Consulting, Ou-Engineering, CN="Scott Wyssling,
PE",
E=swyssling@wysslingconsulting.com
Reason: I am the author of this document
Location: your signing location here
Date: 2022.06.30 12:00:08-06:00'
Foxit PDF Editor Version: 11.2.2

Re: Engineering Services
Harris Residence
456 Southwest Harmony Lane, Lake City FL
8.800 kW System

To Whom It May Concern:

We have received information regarding solar panel installation on the roof of the above referenced structure. Our evaluation of the structure is to verify the existing capacity of the roof system and its ability to support the additional loads imposed by the proposed solar system.

A. Site Assessment Information

- 1. Site visit documentation identifying attic information including size and spacing of framing for the existing roof structure.
- 2. Design drawings of the proposed system including a site plan, roof plan and connection details for the solar panels. This information will be utilized for approval and construction of the proposed system.

B. Description of Structure:

Roof Framing: Prefabricated wood trusses at 24" on center. All truss members are

constructed of 2 x 4 dimensional lumber.

Roof Material: Metal Roofing Roof Slopes: 27 +/- degrees Attic Access: Accessible Permanent

C. Loading Criteria Used

Dead Load

- Existing Roofing and framing = 7 psf
- New Solar Panels and Racking = 3 psf
- TOTAL = 10 PSF
- Live Load = 20 psf (reducible) 0 psf at locations of solar panels
- Ground Snow Load = 0 psf
- Wind Load based on ASCE 7-16
 - Ultimate Wind Speed = 120 mph (based on Risk Category II)
 - Exposure Category B

Analysis performed of the existing roof structure utilizing the above loading criteria is in accordance with the FBC 2020 7th Edition, including provisions allowing existing structures to not require strengthening if the new loads do not exceed existing design loads by 105% for gravity elements and 110% for seismic elements. This analysis indicates that the existing framing will support the additional panel loading without damage, if installed correctly.

D. Solar Panel Anchorage

- 1. The solar panels shall be mounted in accordance with the most recent "S-5 Installation Manual". If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation.
- 2. System will be attached to the metal roofing material utilizing the patented S-5 connection. Installation of the connections shall be in accordance with the manufacturer's recommendations.
- 3. Considering the wind speed, roof slopes, size and spacing of framing members, and condition of the roof, the panel supports shall be placed no greater than 48" on center.
- 4. Panel supports connections shall be staggered to distribute load to adjacent framing members.

Based on the above evaluation, this office certifies that with the racking and mounting specified, the existing roof system will adequately support the additional loading imposed by the solar system. This evaluation is in conformance with the FBC 2020 7th Edition, current industry standards and practice, and is based on information supplied to us at the time of this report.

Should you have any questions regarding the above or if you require further information do not hesitate to contact me.

VIOI

Scott E. Wyssling, PE Florida License No. 8153 THIS PLAN HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY SCOTT WYSSLING, PE USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

No. 8155

STATE OF

Wyssling Consulting, PLLC
76 N Meadowbrook Drive Alpine UT 84004

Florida License # R734912

Date Signed 6/30/2022





SCOPE OF WORK:

TO INSTALL A ROOF MOUNTED SOLAR PHOTOVOLTAIC SYSTEM AT THE OWNER RESIDENCE LOCATED AT 456 SW HARMONY LN, LAKE CITY, FL 32025.

SYSTEM DC RATING: 8.80 KWDC SYSTEM AC RATING: 6.39 KWAC

GENERAL NOTES:

- THESE CONSTRUCTION DOCUMENTS HAVE BEEN BASED ON FIELD INSPECTIONS AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS IN CONSTRUCTION DETAILS.
- ARCHITECT HAS NOT BEEN RETAINED TO SUPERVISE ANY
 CONSTRUCTION OR INSTALLATION OF ANY EQUIPMENT AT SITE.
 CONTRACTOR HAS THE FULL RESPONSIBILITY TO CHECK AND
 VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. ANY
 DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER BEFORE
 PROCEEDING WITH THE WORK. ANY WORK STARTED BEFORE
 CONSULTATION AND ACCEPTANCE BY THE ENGINEER SHALL BE THE
 SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE
 SUBJECT TO CORRECTION BY THEM WITHOUT ADDITIONAL
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK WITH APPROVED MATERIALS.
- THE CONTRACTOR SHALL PERFORM THE WORK IN STRICT CONFORMANCE WITH THE LOCAL LAWS, REGULATIONS AND THE NATIONAL ELECTRIC CODE.

ELECTRICAL NOTES:

COMPENSATION.

- THE EQUIPMENT AND ALL ASSOCIATED WIRING AND INTERCONNECTION SHALL BE INSTALLED ONLY BY QUALIFIED PEOPLE. A QUALIFIED PERSON IS ONE WHO HAS SKILLS AND KNOWLEDGE RELATED TO THE CONSTRUCTION AND OPERATION OF THE ELECTRICAL EQUIPMENT AND INSTALLATIONS AND HAS RECEIVED SAFETY TRAINING TO RECOGNIZE AND AVOID THE HAZARDS INVOLVED. (NEC 690.4(C), NEC 2017).
- NEW CONDUIT ROUTING SHOWN IS ESSENTIALLY SCHEMATIC.
 SUBCONTRACTOR SHALL LAY OUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES.
- ARRAY WIRING SHOULD NOT BE READILY ACCESSIBLE EXCEPT TO QUALIFIED PERSONNEL.
- ALL CONDUCTORS AND WIRE TIES EXPOSED TO SUNLIGHT ARE LISTED AS UV RESISTANT.
- ALL CONDUIT SIZES AND TYPES, SHALL BE LISTED FOR ITS PURPOSE AND APPROVED FOR THE SITE APPLICATIONS.

	SHEET INDEX						
CS-0	COVER SHEET & BOM						
E-1	STRING LAYOUT & SIGNAGE						
E-2	ELECTRICAL DIAGRAM & CALCS.						
E-3+	EQUIPMENT SPECIFICATIONS						

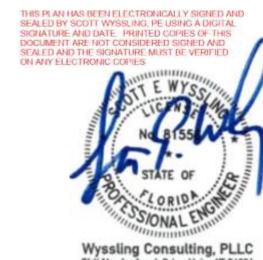
GOVERNING CODES

2018 NFPA 1 (FIRE CODE) / 2020 FFPC 7TH EDITION 2017 NATIONAL ELECTRICAL CODE

2020 FLORIDA BUILDING CODE (7TH EDITION)

AUTHORITY HAVING JURISDICTION (AHJ): COLUMBIA COUNTY

	BILL OF MATERIALS							
EQUIPMENT	QTY	DESCRIPTION						
SOLAR PV MODULE	22	Q.PEAK DUO BLK ML-G10+ 400W						
MICROINVERTER	22	ENPHASE IQ8PLUS-72-2-US						
JUNCTION BOX	1	JUNCTION BOX, NEMA 3R, UL LISTED						
COMBINER BOX	1	ENPHASE IQ COMBINER 4/4C W/ IQ ENVOY (X-IQ-AM1-240-4)						
AC DISCONNECT	1	FUSED AC DISCONNECT, 240V, NEMA 3R, UL LISTED						



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WINTER PARK, FL 32792

+1 (407) 988-0273
PROJECT NAME & ADDRESS

ISAAC HARRIS RESIDENCE 456 SW HARMONY LN LAKE CITY, FL 32025

ENGINEER CONTACT INFORMATION

SCOTT WYSSLING LICENSE# 81558 76 N MEADOWBROOK DR., ALPINE, UT 84004

SIGNATURE WITH SEAL

REVISIONS								
DESCRIPTION	DATE	REV						
awn hv		DB						

 Checked by:
 S.W.

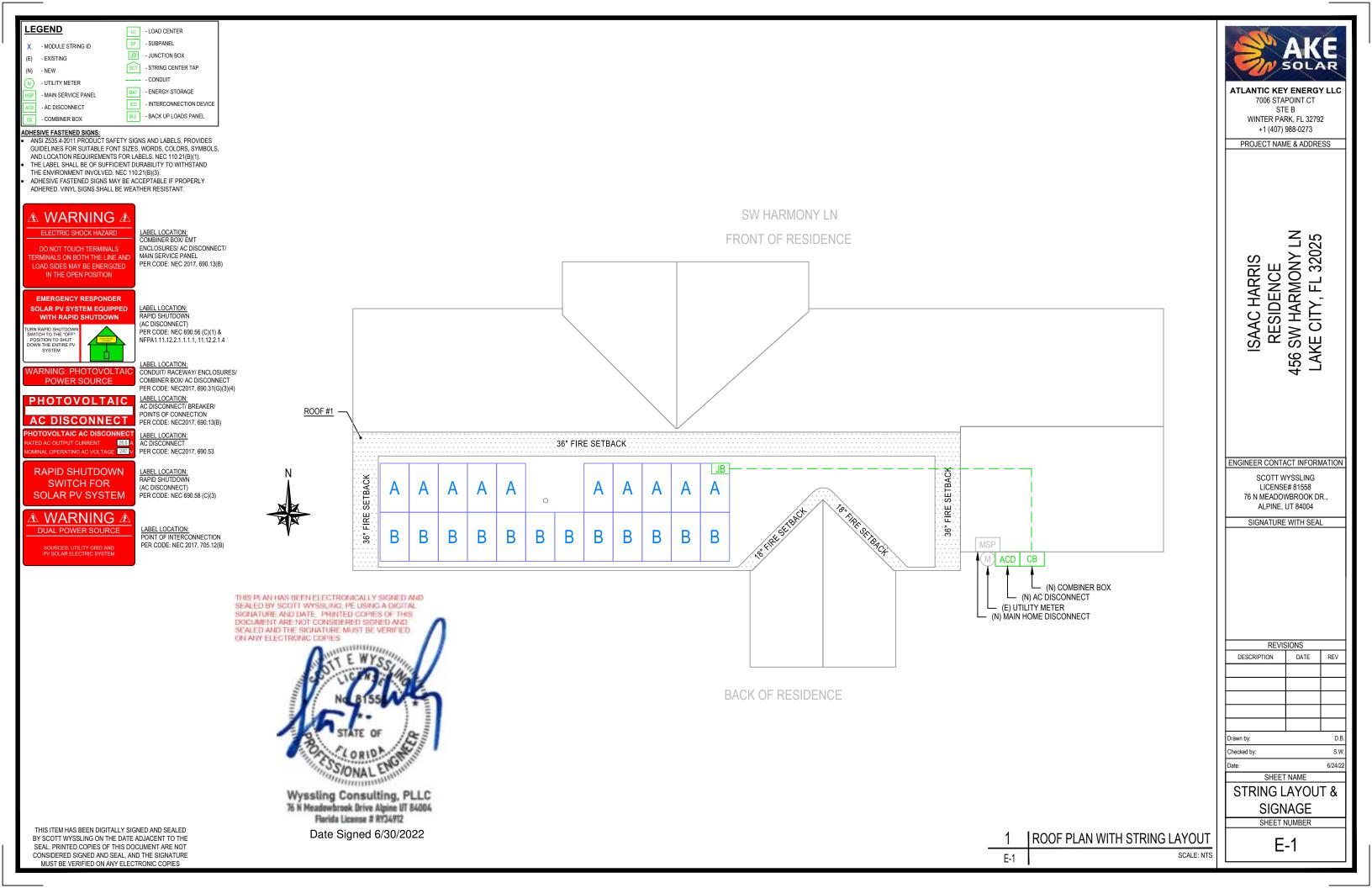
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 6/24/22

SHEET NAME

COVER SHEET & BOM

SHEET NUMBER

CS-0



ID	INITIAL CONDUCTOR LOCATION	FINAL CONDUCTOR LOCATION	MIN	I. CONDUCTOR SIZE (AWG)	MIN. DIA CONDUIT SIZE (IN.)	# OF PARALLEL CIRCUITS	CURRENT-CARRYING CONDUCTORS IN CONDUIT	OCPD (A)		MIN. EGC SIZE (AWG)	TEMP. COF	RR. FACTOR	CONDUIT FILL FACTOR	CONT. CURRENT (A)	MAX. CURRENT (A)	BASE AMP. (A)	DERATED AMP. (A)	TERM. AMP. RATING (A)	LENGTH (FT)	VOLTAGE DROP (%)
1	STRING A	JUNCTION BOX	12	Q CABLE	N/A	1	2	N/A	6	BARE COPPER	0.76	55°C	N/A	12.1	15.13	30	N/A	N/A	40.00	0.80
2	STRING B	JUNCTION BOX	12	Q CABLE	N/A	1	2	N/A	6	BARE COPPER	0.76	55°C	N/A	14.52	18.15	30	N/A	N/A	46.00	0.45
3	JUNCTION BOX	IQ COMBINER	10	THWN-2 COPPER	0.75 LTNM	2	4	20	10	THWN-2 COPPER	0.76	55°C	0.8	14.52	18.15	40	24.3	35	46.00	0.69
4	IQ COMBINER	AC DISCONNECT	8	THWN-2 COPPER	0.75 LTNM	1	3	40	10	THWN-2 COPPER	0.96	34°C	1	26.62	33.28	55	52.8	50	5.00	0.09
5	AC DISCONNECT	MSP	6	THWN-2 COPPER	0.75 LTNM	1	3	N/A	-	-	0.96	34°C	1	26.62	33.28	75	72.0	65	5.00	0.05

+1 (407) 988-0273 PROJECT NAME & ADDRESS

ATLANTIC KEY ENERGY LLC 7006 STAPOINT CT STE B WINTER PARK, FL 32792

RESIDENCE 456 SW HARMONY LN LAKE CITY, FL 32025 ISAAC HARRIS

ENGINEER CONTACT INFORMATION

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REVISIONS

REV DESCRIPTION DATE

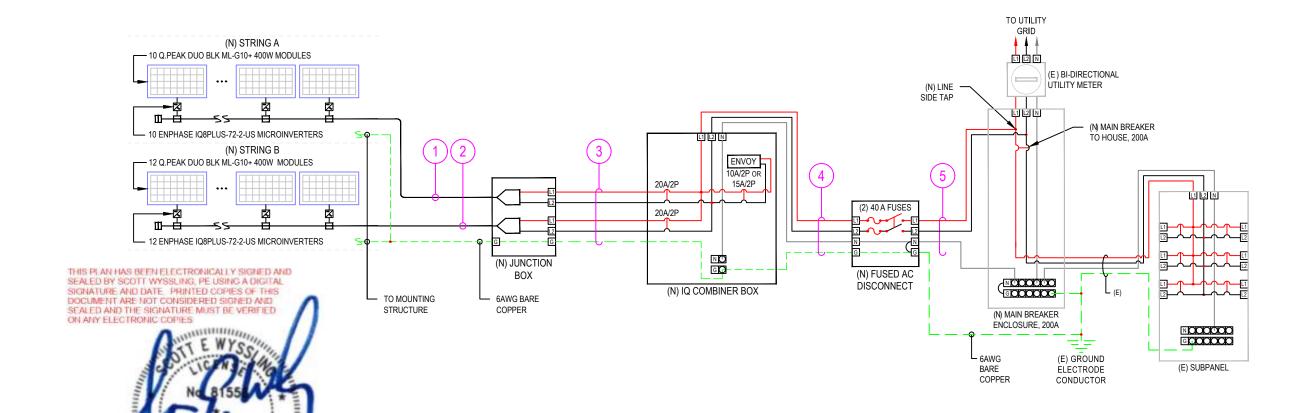
SHEET NAME

ELECTRICAL LINE DIAGRAM & CALCS

S.W.

6/24/22

SHEET NUMBER E-2



LEGEND (E) - EXISTING - NEW

DESIGN TEMPERATURE SPECIFICATIONS 1°C RECORD LOW TEMP AMBIENT TEMP (HIGH TEMP 2%) 34°C 1.0" CONDUIT HEIGHT CONDUCTOR TEMPERATURE RATE (ROOF) 55°C

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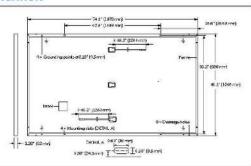
NOTE: LTNM OR EQUIVALENT TYPE CONDUIT

ELECTRICAL LINE DIAGRAM E-2

SCALE: NTS

MECHANICAL SPECIFICATION

Format	74.0 in × 41.1 in × 1.26 in (including frame) (1879 mm × 1.945 mm × 32 mm)
Weight	48.5 bs (22.0 kg)
Front Cover	0.13 in (S.2mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Black anodized aluminum
Cell	8 × 22 monocrystálline Q.ANTUM sólar hálf cells
Junction Box	2.09-3.98 in × 1.26-2.36 in × 0.59-0.71 in (58-101 mm × 32-60 mm × 15-18 mm), IP67, with bypass diodes
Cable	4mm² Solar cable; (+) ≥49.2 in (1250 mm), (-) ≥49.2 in (1250 mm)
Connector	Staubli MC4; IP68

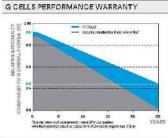


ELECTRICAL CHARACTERISTICS

PON	WER CLASS			385	390	395	400	405
CALLY	IIMUM PERFORMANCE AT STANDA	RD TEST CONDITIO	NS, STC+ (PO	WER TOLERANCE +	5 W/-0W)			
	Powerat MPP*	P _{MPP}	[W]	385	390	395	400	405
	Short Circuit Current ⁶	lso	[A]	11,04	1,1,07	11.10	11.14	11.17
III.	Open Circuit Voltage ^a	Vos	[V]	45.19	45.23	45.27	45.30	45,34
Minim	Current at MPP	MPP	[A]	10.59	10.65	10.71	10.77	10.83
2	Voltage at MPP	VMPP	[V]	36.36	36.62	36.88	37.13	37.39
	Efficiency ¹	η	[%]	≥19.6	≥19.9	≥20.1	≥20.4	≥20.6
NUN	LIMUM PERFORMANCE AT NORMA	L OPERATING CONF	DITIONS, NMC	DT,				
	Power at MPP	PMP	[W]	288.8	292,6	296.3	300.1	303.8
E	Short Circuit Current	lso	[A]	8,90	8.92	8.95	8,97	9.00
HIP)	Open Circuit Voltage	Vos	[V]	42,62	42.65	42.69	42,72	42.76
Σ	Current at MFP	upp	[A]	8.35	8.41	8.46	8.51	8,57
	Voltage at MPP	V _{MPP}	[V]	34.59	34.81	35.03	35.25	35.46

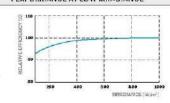
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PERFORMANCE AT LOW IRRADIANCE



At least 98% of nominal power during first year. Thereafter max, 0.5% dag adation per year. At least 93.5% of nominal power up to 10 years. At least 96% of nominal power up to 25 years.

All data within measurement toleranc-es. Full warrantes in accordance with the warranty terms of the Q CELLS sales organisation of your respective ocuntry.



Typical module performance under low irradiance conditions in comparison to STC conditions (25°C, 1000 W/m²)

TEMPERATURE COEFFICIENTS							
Temperature Coefficient of I ₁₀	q	[%/K]	+0.04	Temperature Coefficient of V _{cc}	β	[%/K]	-0.27
Temperature Coefficient of P _{MP}	Y	[%/K]	-0.34	Nominal Module Operating Temperature	TOMM	[°F]	109±5.4 (43±3°C)

PROPERTIES FOR SYSTEM DESIGN

[7]	1000 (EC)/1000 (UL)	PV module classification	Class II
[A DC]	20	Fire Rating based on ANSI/UL 61730	TYPE 2
[lbs/ft²]	75 (3600 Pa) /55 (2660 Pa)	Permitted Module Temperature	-40°F up to +185°F
[lbs/ft ²]	113 (5400Pa) / 84 (4000Pa)	on Continuous Duty	(-40 °C up to +85 °C)
	[A DC] [lbs/ft²]	[A DC] 20 [lbs/ft²] 75 (3600 Pa) /55 (2660 Pa)	[A DC] 20 Fire Rating based on ANSI/UL 61730 [Ibs/R ²] 75 (3600 Pa)/55 (2650 Pa) Permitted Module Temperature

QUALIFICATIONS AND CERTIFICATES

PACKAGING INFORMATION

UL 81730, CE-compliant, Quality Controlled PV - TUV Rheinland, EC 812152 016, EC 81730 2018, U.S. Patert No. 9,883, 215 (solar cells), QOPV Certification engoing.





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				(P)	0-0	40 HO	
Horizontal	76.41n	43.3 in	48.01n	1656lbs	24	24	33
packaging	1940 mm	1100mm	1220mm	751kg	pallets	pallets	module:

Note: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.

Hanwha Q CELLS America Inc.

400 Spectrum Center Crive, Suite 1400, Invine, CA 92618, USA | TEL +1, 349 748 59 96 | EMAIL Inquiry@usq-cells.com | WEB www.q-cells.us

IO8 and IO8+ Microinverters

INPUT DATA (DC)		108-60-2-03	108PLUS-72-2-US			
Commonly used module pairings*	w	235 - 350	235 - 440			
Module compatibility		60-cell/120 half-cell	60-cell/120 half-cell and 72-cell/144 half-cell			
MPPT voltage range	v	27 - 37	29 - 45			
Operating range	٧	25 - 48	25 - 58			
vlin/max start voltage	v	30 / 48	30 / 58			
Max input DC voltage	v	50	60			
dax DC current® [module isc]	А		15			
Overvoltage class DC port			1			
OC port backfeed current	mA		0			
V array configuration		Ixl Ungrounded array; No additional DC side protectio	n required; AC side protection requires max 20A per branch circuit			
UTPUT DATA (AC)		108-60-2-US	108PLUS-72-2-US			
Peak output power	VA	245	300			
Aax continuous output power	VA	240	290			
lominal (L-L) voltage/range ³	V	2	40 / 211 - 264			
lax continuous output current	A	10	1.21			
Nominal frequency	Hz		60			
xtended frequency range	Hz		50 - 68			
Max units per 20 A (L-L) branch circu	it*	16	13			
otal harmonic distortion			45%			
Overvoltage class AC port			III			
AC port backfeed current	mA		30			
Power factor setting			1.0			
Grid-tied power factor (adjustable)		O.85 lea	ading - 0.85 lagging			
Peak efficiency	%	97.5	97.6			
DEC weighted efficiency	76	97	97			
Night-time power consumption	Wim		60			
MECHANICAL DATA						
Ambient temperature range		-40°C to +1	60°C (-40°F to+140°F)			
Relative humidity range		4% to	100% (condensing)			
DC Connector type			MC4			
Dimensions (HxWxD)		212 mm (8.3") x 1	75 mm (6.9°) x 30.2 mm (1.2°)			
Weight		1.0	98 kg (2.38 lbs)			
Cooling		Natural	convection - no fans			
Approved for wet locations			Yes			
Acoustic noise at 1 m			<60 dBA			
Pollution degree			PD3			
Enclosure		Class II double-insulated, o	corrosion resistant polymeric enclosure			
Environ. category / UV exposure ratii	ng		Type 6 / outdoor			
OMPLIANCE						
		CA Rule 21 (UL 1741-SA), UL 62109-1, UL1741/IEEE1547, FC	C Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-0			
Certifications			nt and conforms with NEC 2014, NEC 2017, and NEC 2020 section Systems, for AC and DC conductors, when installed according to			

(1) No enforced DC/AC ratio. See the compatibility calculator at https://link.enphase.com/module-compatibility (2) Maximum continuous input DC current is 10.6A (3) Nominal voltage range can be extended beyond nominal if required by the utility. (4) Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

IQ8SP-DS-0002-01-EN-US-2021-10-19



ATLANTIC KEY ENERGY LLC 7006 STAPOINT CT STE B WINTER PARK, FL 32792 +1 (407) 988-0273

PROJECT NAME & ADDRESS

ISAAC HARRIS RESIDENCE 456 SW HARMONY LN LAKE CITY, FL 32025

ENGINEER CONTACT INFORMATION

SCOTT WYSSLING LICENSE# 81558 76 N MEADOWBROOK DR., ALPINE, UT 84004

SIGNATURE WITH SEAL

REVISIONS REV DESCRIPTION DATE

Checked by: S.W. 6/24/22

SHEET NAME **EQUIPMENT SPECIFICATIONS**

SHEET NUMBER

E-3

Enphase IQ Combiner 4/4C

MODEL NUMBER		
IQ Combiner 4 (X-IQ-AM1-240-4)	IQ Combiner 4 with Enphase IQ Gateway printed circuit board for integrated revenue grade PV production metering (ANSI C12.20 #/-0.5%) and consumption monitoring (4/-2.5%). Includes a silver solar shield to match the IQ Battery system and IQ System Controller 2 and to deflect heat.	
IQ Combiner 4C (X-IQ-AM1-240-4C)	IQ Combiner 4C with Enphase IQ Gateway printed circuit board for integrated revenue grade PV production metering (ANSI C12.20 +/-0.5%) and consumption monitoring (+/-2.5%). Includes Enphase Mobile Connect cellular modern (CELLMODEM-M1-06-SP-05), a plug-and-play industrial-grade cell modern for systems up to 60 microinverters. (Available in the US, Canada, Mexico, Puerto Rico, and the US Virgin Islands, where there is a dequate cellular service the installation area.) Includes a silver solar shield to match the IQ Battery and IQ System Controller and to deflect h	
ACCESSORIES AND REPLACEMENT PARTS	(not included, order separately)	
Ensemble Communications Kit COMMS-CELLMODEM-M1-06 CELLMODEM-M1-06-SP-05 CELLMODEM-M1-06-AT-05	 Includes COMMS-KIT-01 and CELLMODEM-M1-05-SP-05 with 5-year Sprint data plan for Ensemble sites 46 based LTE-M1 cellular modem with 5-year Sprint data plan 46 based LTE-M1 cellular modem with 5-year AT&T data plan 	
Circuit Breakers BRK-10A-2-240V BRK-15A-2-240V BRK-20A-2P-240V BRK-15A-2P-240V-B BRK-20A-2P-240V-B	Supports Eaton BR210, BR215, BR220, BR230, BR240, BR250, and BR260 circuit breakers. Circuit breaker, 2 pole, 10A, Eaton BR215 Circuit breaker, 2 pole, 15A, Eaton BR215 Circuit breaker, 2 pole, 20A, Eaton BR220 Circuit breaker, 2 pole, 15A, Eaton BR215B with hold down kit support Circuit breaker, 2 pole, 20A, Eaton BR220B with hold down kit support	
EPLC-01	Power line carrier (communication bridge pair), quantity - one pair	
XA-SOLARSHIELD-ES	Replacement solar shield for IQ Combiner 4/4C	
XA-PLUG-120-3	Accessory receptable for Power Line Carrier in IQ Combiner 4/4C (required for EPLC-01)	
XA-ENV-PCBA-3	Replacement IQ Gateway printed circuit board (PCB) for Combiner 4/4C	
X-IQ-NA-HD-125A	Hold down kit for Eaton circuit breaker with screws.	
ELECTRICAL SPECIFICATIONS		
Rating	Continuous duty	
System voltage	120/240 VAC, 60 Hz	
Eaton BR series busbar rating	125 A	
Max. continuous current rating (input from PV/storage)	65A 64A	
Max. fuse/circuit rating (output)	90 A	
Branch circuits (solar and/or storage)	Up to four 2-pole Eaton BR series Distributed Generation (DG) breakers only (not included)	
Max. total branch circuit breaker rating (input) Production metering CT	80A of distributed generation / 95A with IQ Gateway breaker included 200 A solid core pre-installed and wired to IQ Gateway	
Consumption monitoring CT (CT-200-SPLIT)	A pair of 200 A split core current transformers	
MECHANICAL DATA		
Dimensions (WxHxD)	37.5 x 49.5 x 16.8 cm (14.75" x 19.5" x 6.63"). Height is 21.06" (53.5 cm) with mounting brackets.	
Weight	7.5 kg (16.5 lbs)	
Ambient temperature range	-40° C to +46° C (-40° to 115° F)	
Cooling	Natural convection, plus heat shield	
Enclosure environmental rating	Outdoor, NRTL-certified, NEMA type 3R, polycarbonate construction	
Wire sizes	20 A to 50 A breaker inputs; 14 to 4 AWG copper conductors 60 A breaker branch input; 4 to 1/0 AWG copper conductors Main lug combined output; 10 to 2/0 AWG copper conductors Neutral and ground: 14 to 1/0 copper conductors Always follow local code requirements for conductor sizing.	
Altitude	To 2000 meters (6,560 feet)	
INTERNET CONNECTION OPTIONS		
Integrated Wi-Fi	802.11b/g/n	
Cellular	CELLMODEM-M1-06-SP-05, CELLMODEM-M1-06-AT-05 (4G based LTE-M1 cellular modem). Note that an Enphase Mobile Connect cellular modem is required for all Ensemble installations.	
Ethernet	Optional, 802.3, Ca15E (or Cat 6) UTP Ethernet cable (not included)	
COMPLIANCE		
Compliance, IQ Combiner	UL 1741, CAN/CSA C22.2 No. 107.1, 47 CFR, Part 15, Class 8, ICES 003 Production metering: ANSI C12.20 accuracy class 0.5 (PV production) Consumption metering: accuracy class 2.5	
Compliance, IQ Gateway	UL 60601-1/CANCSA 22.2 No. 61010-1	

To learn more about Enphase offerings, visit enphase.com
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SIGNATURE WITH SEAL

REVISIONS				
DESCRIPTION	DATE	REV		
Drawn by:	D.B.			

6/24/22

SHEET NAME

⊖ ENPHASE.

EQUIPMENT SPECIFICATIONS

SHEET NUMBER

E-4