

SCOPE OF WORK:

TO INSTALL A ROOF MOUNTED SOLAR PHOTOVOLTAIC SYSTEM AT THE OWNER RESIDENCE LOCATED AT 137 SOUTHEAST CALOB COURT, LAKE CITY, FL 32025.

SYSTEM DC RATING: 5.60 KWDC SYSTEM AC RATING: 4.07 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.
- 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 COMPENSATION.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK WITH APPROVED MATERIALS.
- 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. CONTRACTOR 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.
- THE AC DISCONNECT MUST BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE, AND BE A VISIBLE-BREAK SWITCH.

	SHEET
CS-0	COVER SHEET & BOM
E-1	STRING LAYOUT & SIGNAG
E-2	ELECTRICAL DIAGRAM & C/
E-3+	EQUIPMENT SPECIFICATIO

GOVERNING CODES

2017
2018 NFPA /
2020
2018
AUTHORITY HAVING JURISDICTION (AHJ): COUNTY OF CO
UTILITY COMPANY: FPL

		BILL OF MA
EQUIPMENT	QTY	
SOLAR PV MODULE	14	Q CELLS Q.PEAK DUC
MICROINVERTER	14	ENPHASE IQ8PLUS-72
JUNCTION BOX	1	JUNCTION BOX, NEM
COMBINER BOX	1	ENPHASE IQ COMBIN
AC DISCONNECT	1	60A FUSED AC DISCC

INDEX

٦F

CALCS.

NS

NEC

2020 FFPC

) FBC

IRC

OLUMBIA

ATERIALS

DESCRIPTION

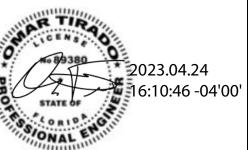
IO BLK ML-G10+ 400

72-2-US

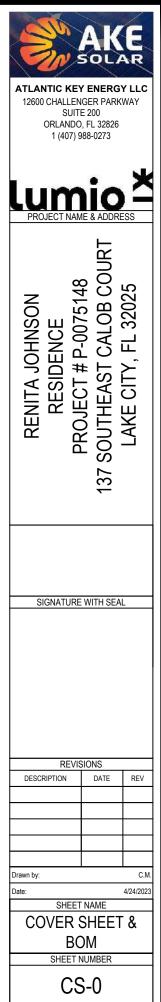
MA 3R, UL LISTED

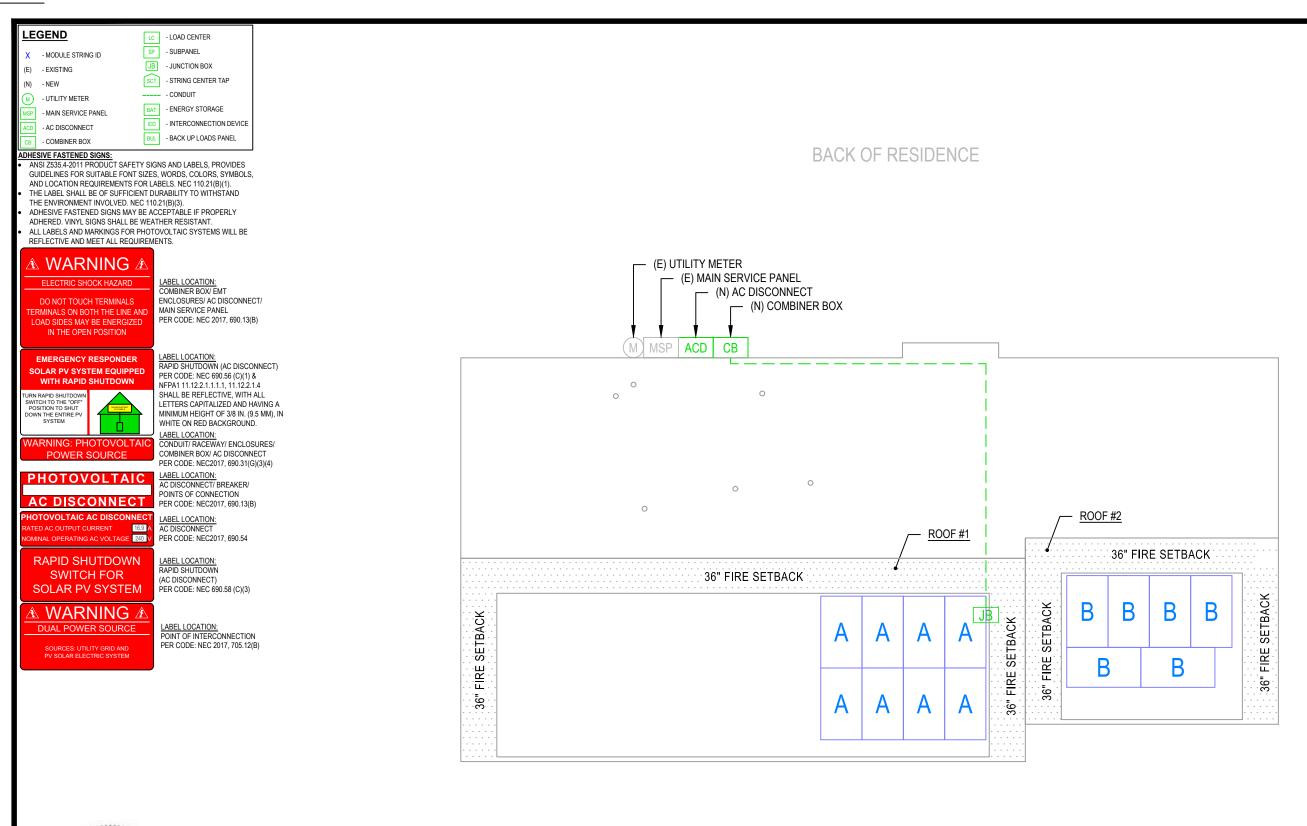
NER 4/4C W/ IQ ENVOY (X-IQ-AM1-240-4)

60A FUSED AC DISCONNECT, 240V, NEMA 3R, UL LISTED



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY OMAR TIRADO ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT VCONSIDERED SIGNED AND SEAL, AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES





FRONT OF RESIDENCE



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY OMAR TIRADO ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEAL, AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

12600 CHALLEN SUIT ORLANDO	AKE Y ENERGY LLC NGER PARKWAY TE 200 D, FL 32826 988-0273	
RENITA JOHNSON RESIDENCE	137 SOUTHEAST CALOB COURT LAKE CITY, FL 32025	
SIGNATURE	E WITH SEAL	
REVI	SIONS	
DESCRIPTION	DATE REV	
Drawn by:	C.N	-
	4/24/202 T NAME	3
	LAYOUT & NAGE	
SHEET	NUMBER	
E	-1	



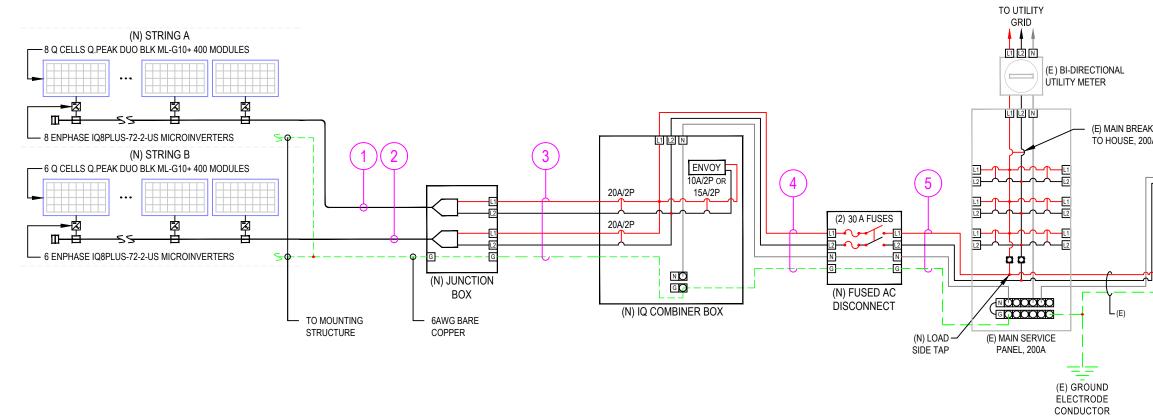
ROOF PLAN WITH STRING LAYOUT

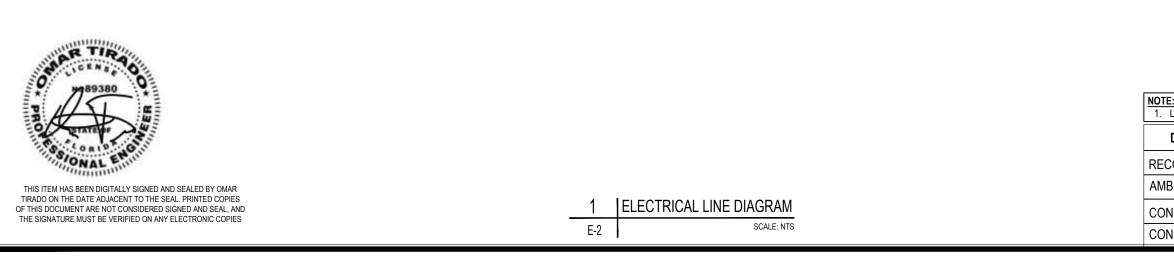
SCALE: NTS

1

E-1

ID	INITIAL CONDUCTOR LOCATION	FINAL CONDUCTOR LOCATION	М	IN. CONDUCTOR SIZE (AWG)	MIN. DIA CONDUIT SIZE (IN.)	# OF PARALLEL CIRCUITS	CURRENT-CARRYIN G CONDUCTORS IN CONDUIT	OCPD (A)		MIN. EGC SIZE (AWG)	TEMP. FAC	Corr. Tor	CONDUIT FILL FACTOR	CONT. CURRENT (A)	MAX. CURRENT (A)	BASE AMP. (A)	DERA AN (A
1	STRING A	JUNCTION BOX	12	Q CABLE	N/A	1	2	N/A	6	BARE COPPER	0.76	55°C	N/A	9.68	12.10	30	N/
2	STRING B	JUNCTION BOX	12	Q CABLE	N/A	1	2	N/A	6	BARE COPPER	0.76	55°C	N/A	7.26	9.08	30	N/
3	JUNCTION BOX	COMBINER BOX	10	THWN-2 COPPER	0.75 LTNM	2	4	20	10	THWN-2 COPPER	0.76	55°C	0.8	9.68	12.10	40	24
4	COMBINER BOX	AC DISCONNECT	10	THWN-2 COPPER	0.75 LTNM	1	3	30	10	THWN-2 COPPER	0.96	34°C	1	16.94	21.18	40	38
5	AC DISCONNECT	MSP	6	THWN-2 COPPER	0.75 LTNM	1	3	N/A	6	THWN-2 COPPER	0.96	34°C	1	16.94	21.18	75	72

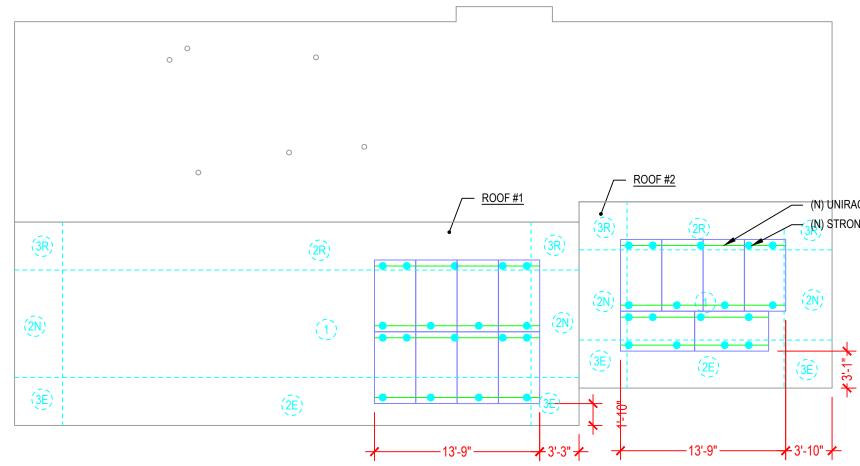




ERATED AMP. (A)	TERM. AMP. RATING (A)	LENGTH (FT)	VOLTAGE DROP (%)	AKE
N/A	N/A	29.00	0.46	SOLAR
N/A	N/A	30.00	0.36	ATLANTIC KEY ENERGY LLC
24.3	35	53.00	0.53	12600 CHALLENGER PARKWAY SUITE 200
38.4	35	5.00	0.09	ORLANDO, FL 32826
72.0	65	5.00	0.03	1 (407) 988-0273
L((L 	, 200A	PROJECT NAME & ADDRESS PROJECT NAME & ADDRESS BROILD PROJECT NAME & ADDRESS BENILA JOHNSON BESCIPTION BESCIPTION BESCIPTION DATE REVISIONS DESCRIPTION DATE REVISIONS CM Drawn by: CM Dra
DESIGN	TEMPERATU	RE SPECIFIC	ATIONS	Date: 4/24/2023 SHEET NAME
CORD LO	W TEMP		-5°C	ELECTRICAL LINE DIAGRAM & CALCS.
BIENT TE	MP. (HIGH TE	MP. 2%)	34°C	SHEET NUMBER
			1.0"	E-2
	R TEMP. RATE		55°C	

ARRAY DESCRIPTION									
ROOF	ROOF # OF AZIMUTH		TILT	TRUSS SIZE	TRUSS SPACING	ROOF MATERIAL			
#1	8	217	3/12 (14.04°)	2X4	24"O.C.	COMP SHINGLE			
#2	6 217		3/12 (14.04°)	2X4	24"O.C.	COMP SHINGLE			

BACK OF RESIDENCE



DESIGN SPECIFICATION						
RISK CATEGORY						
CONSTRUCTION	SFD					
ZONING	RESIDENTIAL					
SNOW LOAD (ASCE 7-16)	0 PSF					
EXPOSURE CATEGORY	В					
WIND SPEED (ASCE 7-16)	120 MPH					



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY OMAR TIRADO ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEAL, AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

ROOF'S GENERAL NOTES

- CONTRACTOR/INSTALLER TO VERIFY ROOF CONDITIONS FOR PROPER INSTALLATION OF THE PV SYSTEM.
 CONTRACTOR/INSTALLER TO NOTIFY THE OWNER IMMEDIATELY OF ANY ROOF DEFICIENCIES AND/OR REPAIR REQUIRED TO INSTALL THE PV SYSTEM.
 EOR DOES NOT ASSUME ANY RESPONSIBILITY FOR THE INSTALLATION OF ANY PV SYSTEM ON DEFICIENT ROOFS.
 CONTRACTOR/INSTALLER ASSUMES ALL RESPONSIBILITY TO INSTALL AS PER MANUFACTURED STANDADRS. MANUFACTURER STANDARDS.

FRONT OF RESIDENCE





— (N) UNIRAC RAIL NXT (N) STRONGHOLD BUTYL @ 48" O.C.

> LEGEND (E) - EXISTING

(N) - NEW

ROOF PLAN AND MODULES

	ATLANTIC KEY 12600 CHALLENG SUITE ORLANDO, 1 (407) 98	GER PARK 200 FL 32826	
	RENITA JOHNSON RESIDENCE PROJECT # P-0075148	137 SOUTHEAST CALOB COURT	LAKE CITY, FL 32025
	SIGNATURE	WITH SEAI	-
	REVISI DESCRIPTION	DATE	REV
	Drawn by:		C.M.
ND	Date: SHEET N		4/24/2023
XISTING	ROOF PL		1D
EW	MODU		
	SHEET NU	UMBER	
SCALE: NTS	S-	0	

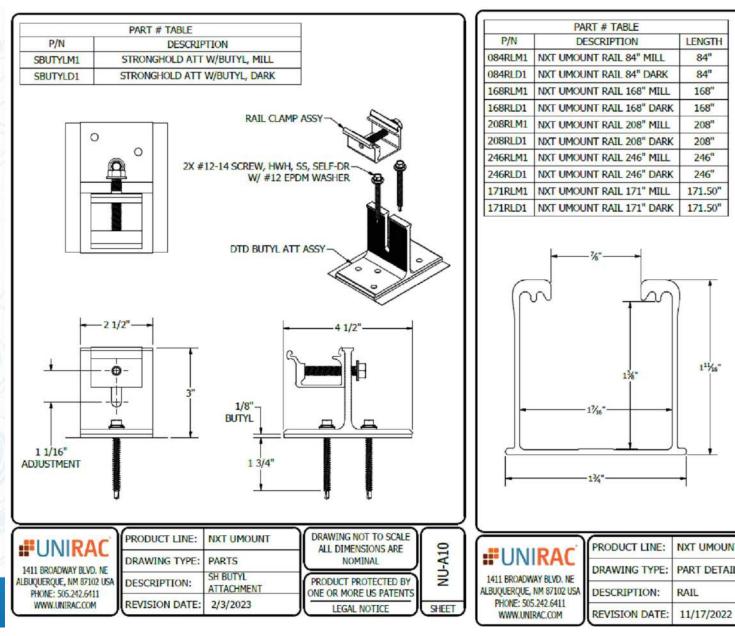
STRONGHOLD"| BUTYL



Unirac's STRONGHOLD" Butyl is efficient, dependable, and optimized for UNIRAC's NXT UMOUNT" system.

The pre-applied butyl pad removes the need for additional flashing. Just peel the liner, place the attachment, and fasten it to the roof. In addition, the butyl, used throughout the roofing and solar industries for its reliability, conforms to the screws and roof for a robust, dependable seal with no extra work! Couple this with the NXT UMOUNT" system, and you have a highly reliable, easy-to-install system with integrated wire management.

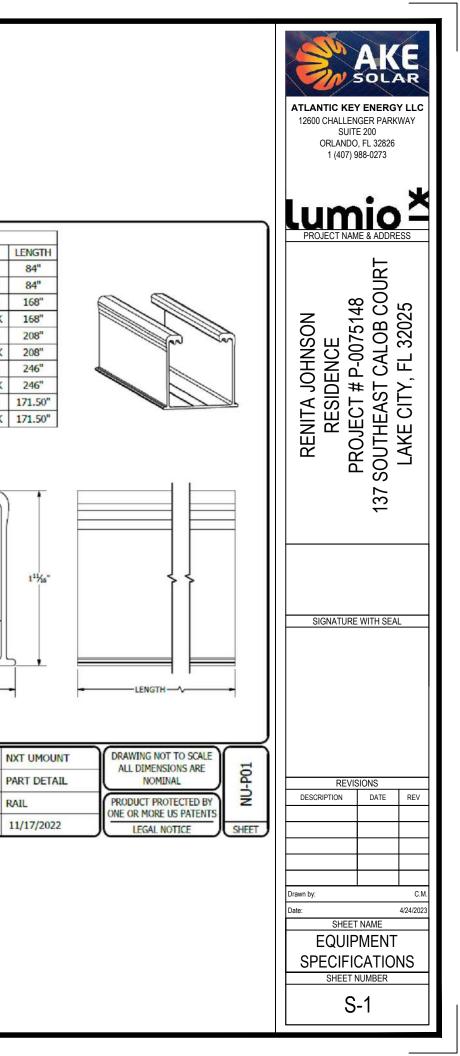




ONE (1) STRONGHOLD' Butyl direct-to-deck

attachment with pre-applied butyl patch (Extra patches for shimming available.) TWO (2) screws for rafter installation - ONE (1) NXT Rail Clamp (Additional screws for direct-to-deck applications available.)

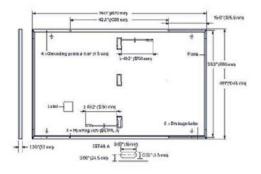
FOR QUESTIONS OR CUSTOMER SERVICE CONTACT: 505-242-6411 | SALES@UNIRAC.COM | WWW.UNIRAC.COM



Q.PEAK DUO BLK ML-G10+ SERIES

Mechanical Specification

Format	74.0 in × 413 in × 1.26 in (including frame) (1879 nm × 1045 mm × 32 mm)
Weight	48.5 lbs (22.0 kg)
Front Cover	013 In (3.2 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Black anadised aluminium
Cell	6 × 22 monocrystalline GLANTUM solar half cells
Junction box	2.09-3.98 in × 1.26-2.36 in × 0.89-0.71in (53-101 mmi × 32-60 mm × 15-18 mm), IP67, with bypass diodes
Cable	4 mm² Solar cable; (+) ≥ 49.2 in (1250 mm), (-) ≥ 49.2 in (1250 mm)
Connector	Staubli MC4; IP68



400

405

390 395

Electrical Characteristics

POWER CLASS

MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STONPOWER TOLERANCE +SW/-OW)

	Power at MPP ⁴	Page	[W]	385	390	395	400	405
	Short Circuit Current ¹	I _{tc}	(A)	11.04	11.07	1110	11.14	11.17
unu	Open Circuit Voltage ¹	Voc	(V)	45.19	45.23	45.27	45.3	45.34
En le	Current at MPP	I _{MPP}	[A]	10.59	10.65	10.71	10.77	10,83
Z	Voltage at MPP	VNOP	(V)	36,36	36.62	36,88	37,13	37.39
	Efficiency ⁴	η	[%]	≥19.6	≥19.9	≥20.1	≥20.4	≥20.6

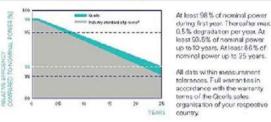
385

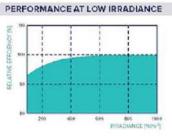
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT2

	Power at MPP	Purp	[W]	288.8	292.6	296.3	3001	303.8
imum	Short Circuit Current	Isc	[A]	8.90	8.92	8.95	8.97	9.00
	Open Circuit Voltage	Voc	(V)	42.62	42.65	42.69	42.72	42.76
No.	Ourrent at MPP	lupp.	[A]	8.35	8.41	8.46	8.51	8.57
	Voltage at MPP	Vann	IV1	34.59	34.81	35.03	35.25	35.46

Measurement tolerances Pww ±3%; 1/2; Voc ±5% at STC: 1000 W/m?, 25±2°C, AM 1.5 according to IEC 60904-3 + 2800W/m?, NMOT, spectrum AM 1.5

Qcells PERFORMANCE WARRANTY





Typical module performance under low irractionce conditions in comparison to STC conditions (25°C, 1000Wm³).

"Standard lemma of guarantee for the 5 PV companies with the highest production capacity in 2021 (February 2021)

TEMPERATURE COEFFICIENTS							
Temperature Coefficient of Isc	α	[%/K]	+0.04	Temperature Coefficient of $V_{\rm oc}$	β	[%/K]	-0.27
Temperature Coefficient of Pure	¥	[%/K]	-0.34	Nominal Module Operating Temperature	NMOT	[*F]	109±5.4 (43±3*C)

Properties for System Design

Maximum System Voltage	Vors	DVJ.	1000 (IEC)/1000 (UL)	PV module classification	Class II
Maximum Series Fuse Rating		[A DC]	20	Fire Rating based on ANSI/UL 61730	TYPE 2
Max. Design Load, Push/Pull?		[lbs/fl²]	75 (3600 Pa)/55 (2660 Pa)	Permitted Module Temperature	-40°F up to +185°F
Max, Test Load, Push/Pull®		[ibs/ft ^b]	113 (5400 Pa) / 84 (4000 Pa)	on Cantinuous Duty	(-40°C up to +85°C)
*See Installation Manual					

Qualifications and Certificates

UL 61790, CE-compliant, Quality Controlled PV - TOV Phetinland, IEC 61215(2016, IEC 61730(2016, U.S. Patent No. 9(893(215 (solar cells),



Qcells pursues minimizing paper output in consideration of the global environment. Note: hstallation instructions must be followed: Centext, particelinical service for further information on approved instalation of this prestue. Hanna & CELLS America Inc. 400 Spectrum Center Drive, Sute 400, Indee, CA 02618, USA1 TEL +1949 748 59.96 (EMAIL: hip-input/gdposite.com LWEB werecapaliscom **IQ8** Series Microinverters

NPUT DATA (DC)		108-60-2-05	108PLUS-72-2-US	108M-72-2-US	1084-72-2-US	108H-240-72-2-U\$	108H-208-72-2-US
Commonly used module pairings ²	W	235 - 350	235 - 440	260 - 460	295 - 500	320 - 540+	295 - 500+
Module compatibility		60-cell/120 half-cell	6	0-cell/120 half-cell, 6	6-cəll/132 half-cəll a	and 72-cell/144 half-ce	al l
MPPT voltage range	У	27 - 37	29 - 45	33-45	36 - 45	38 - 45	38 - 45
Operating range	٧	25 - 48			25 - 58		
Min/maxistart voltage	٨	30 / 48	30 / 48 30 / 58				
Max input DC voltage	۷	50			60		
Max DC current ³ [module lsc]	A			1	5		
Overvoltage class DC port				i i	1		
DC port backfeed current	mA			(b		
PV array configuration		IxI Ungrounded a	rray; No additional DO	O side protection requ	ired; AC side protect	ion requires max 20A p	er branch circuit
DUTPUT DATA (AC)		108-60-2-05	IQOPLUS-72-2-US	IØ8M-72-2-US	108A-72-2-US	IQ8H-240-72-2-US	108H-208-72-2-US
Peak output power	VA	245	300	330	366	384	366
Max continuous output power	VA	240	290	325	349	380	360
Nominal (L-L) voltage/range4	٧			240 / 211 - 264			208 / 183 - 250
Max continuous output current	A	1.0	1.21	1.35	1.45	1.58	1.73
Nominal frequency	Hz			6	0		
Extended frequency range	Hz	50 - 68					
AC short circuit fault current over 3 cycles	Arms			2			4.4
Max units per 20 A (L-L) branch circuit	t ⁵	16	13	11	11	10	9
Total harmonic distortion				</td <td>5%</td> <td></td> <td></td>	5%		
Overvoltage class AC port				1	II.		
AC port backfeed current	mA			3	0		
Power factor setting				1.	o		
Grid-tied power factor (adjustable)				0.85 leading	- 0.85 lagging		
Peak efficiency	%	97.5	97.6	97.6	97.6	97.6	97.4
CEC weighted efficiency	%	97	97	97	97.5	97	97
Night-time power consumption	mW			6	0		
MECHANICAL DATA							
Ambient temperature range				-40°C to +60°C	(-40°F to +140°F)		
Relative humidity range		4% to 100% (condensing)					
DC Connector type				M	C4		
Dimensions (HxWxD)			2	212 mm (8.3") x 175 mm	1 (6.9°) x 30.2 mm (1.2	2")	
Weight		1.08 kg (2.38 lbs)					
Cooling				Natural conve	ction – no fans		
Approved for wet locations				Ŷ	es		
Pollution degree		PD3					
Enclosure		Class II double-insulated, corrosion resistant polymeric enclosure					
Environ. category / UV exposure rating	3			NEMA Type	6 / outdoor		
COMPLIANCE							
		CA Rule 21 (UL 1741-5	A), UL 62109-1, UL174	I/IEEE1547, FCC Part	15 Class B, ICES-000)3 Class B, CAN/CSA-	C22.2 NO. 107.1-01
Certifications		This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC 2014, NEC 2017, and NEC 2020 section 690.12 and C22.1-2018 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according to manufacturer's instructions.					

(1) The IG8H-208 variant will be operating in grid-tied mode only at 208V AC. (2) No enforced DC/AC ratio. See the compatibility calculator at https://link.enphase.com/module-compatibility (3) Maximum continuous input DC current is 10.6A (4) Nominal voltage range can be extended beyond nominal if required by the utility. (5) Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

ocells

IQ8SE-DS-0001-01-EN-US-2022-03-17

ACCEPTION OF CONTRACT OF CONTR
Lumio -
RENITA JOHNSON RESIDENCE PROJECT # P-0075148 137 SOUTHEAST CALOB COURT LAKE CITY, FL 32025
SIGNATURE WITH SEAL
REVISIONS DESCRIPTION DATE REV
DESCRIPTION DATE REV
Drawn by: C.M.
Date: 4/24/2023 SHEET NAME EQUIPMENT SPECIFICATIONS
SHEET NUMBER

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 int 0.12.20 +/- 0.5%) and consumption monitoring (+/- 2.5%). Includes a 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 (ANSI 012-20 +/- 0.5%) and consumption monitoring (+/- 2.5%). Inci (OELLMODEM-MT-06-SP-05), a plug-and-play industrial-grade cell (Available in the US, Canada, Mexico, Puerto Rico, and the US Virgin the installation area.) Includes a silver solar shield to match the IQ E
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 COM MS-KIT-01 and CELLMODEM-M1-06-SP-05 with 5 Ensemble sites 40 based LTE-M1 cellular modern with 5-year Sprint data plan 46 based LTE-M1 cellular modern with 5-year AT&T data plan
Circuit Breakers BRK-10A-2-240V BRK-15A-2-240V BRK-15A-2-240V BRK-15A-2P-240V BRK-20A-2P-240V-B BRK-20A-2P-240V-B	Supports Eaton BR210, BR215, BR220, BR230, BR240, BR250, an Circuit breaker, 2 pole, 10A, Eaton BR210 Circuit breaker, 2 pole, 15A, Eaton BR215 Circuit breaker, 2 pole, 20A, Eaton BR220 Circuit breaker, 2 pole, 15A, Eaton BR2158 with hold down kit se Circuit breaker, 2 pole, 20A, Eaton BR2298 with hold down kit se
EPLC-01	Power line carrier (communication bridge pair), quantity - one pa
XA-SOLARSHIELD-ES	Replacement solar shield for IQ Combiner 4/4C
XA-PLUG-120-3	Accessory receptacle for Power Line Carrier in 10 Combiner 4/4C
XA-ENV-PCBA-3	Replacement IQ Gateway printed circuit board (PCB) for Combin
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	65 A
Max. continuous current rating (input from PV/storage)	64 A
Max. fuse/circuit rating (output)	50 A
Branch circuits (solar and/or storage)	Up to four 2-pole Eaton BR series Distributed Generation (DG) br
Max. total branch circuit breaker rating (input) Production metering CT	80A of distributed generation / 95A with IQ Geteway breaker incl 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
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 construct
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 base Mobile Connect cellular modern is required for all Ensemble installat
Ethernet	Optional, 802.3, Cat5E (or Cat 6) UTP Ethemet cable (not includ
COMPLIANCE	111 1741 DAN (004 000 0 ML, 1874, 47 DED D., 146 AL
Compliance, IQ Combiner	UL 1741, CAN/CSA C22.2 No. 1071, 47 CFR, Part 15, Class B, ICI Production metering: ANSI C12.20 accuracy class 0.5 (PV produ 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

© 2021 Enphase Energy, All rights reserved, Enphase, the Enphase logo, IQ Combiner 4/4C, and other names are trademarks of Enphase Energy, Inc. Data subject to change. 10-21-2021

ntegrated revenue grade PV production metering (ANS) a sliver solar shield to match the IQ Battery system and	
n Integrated revenue grade PV production metering neludes Enphase Mobile Connect cellular modern all modern for systems up to 60 microinverters. gin Islands, where there is adequate cellular service in 2 Baitery and IQ System Controller and to deflect heat.	
s-year Sprint data plan for	
n	
and BR260 circuit breakers.	
support	
support pair	
C (required for EPLC-01)	
niner 4/4 C	
Report was a star for an Spectra day di	
breakers only (not included) Included	
53.5 cm) with mounting brackets.	
uction	
\$	
sed LTE-M1 cellular modem). Note that an Enphase	
ations. ided)	
20 A. 19 A. 19	
CES 003	
duction)	
•	
🖯 ENPHASE.	

