

NEW PHOTOVOLTAIC PITCHED ROOF MOUNTED SYSTEM - 10.120 KW DC/8.740 KW AC
& ENERGY STORAGE SYSTEM - 12 KWH
54 BANEBERRY PLACE, BROADWAY, NC 27505

NEW PV SYSTEM SPECIFICATIONS
SYSTEM SIZE: DC SIZE: 10.120 KW DC-(STC)
AC SIZE: 8.740 KW AC
MODULE: (23) HYUNDAI HIN-T440NF(BK)
INVERTER: (23) ENPHASE IQ8HC-72-M-DOM-US
BATTERY: (1) PWRCELL 2 APKE00075 w/ (4) 3.0 KWH DCB BATTERY

APPLICABLE CODES
ALL WORK SHALL CONFORM TO THE FOLLOWING CODES:
2018 NORTH CAROLINA BUILDING CODE
2018 NORTH CAROLINA RESIDENTIAL CODE
2018 NORTH CAROLINA FIRE CODE
2020 NORTH CAROLINA ELECTRICAL CODE
AS ADOPTED BY HARNETT COUNTY

DESIGN CRITERIA
ROOF SURFACE TYPE: COMPOSITE SHINGLE
ROOF FRAMING: 2"x4" WOOD TRUSS @ 24" OC
BUILDING STORY: TWO STORY
GROUND SNOW LOAD: 10 PSF
WIND SPEED: 117 MPH
WIND EXPOSURE: C
RISK CATEGORY: II

PROJECT NOTES
1.1.1 THIS PHOTOVOLTAIC (PV) & ENERGY STORAGE SYSTEM SHALL COMPLY WITH THE RELEVANT YEAR OF THE NATIONAL ELECTRICAL CODE (NEC), ALL MANUFACTURER'S LISTING AND INSTALLATION INSTRUCTIONS, AND THE RELEVANT CODES AS SPECIFIED BY THE AUTHORITY HAVING JURISDICTION'S (AHJ) APPLICABLE CODES.
1.1.2 THE UTILITY INTERCONNECTION APPLICATION MUST BE APPROVED AND THE PV & ENERGY STORAGE SYSTEM MUST BE INSPECTED PRIOR TO OPERATION
1.1.3 ALL PV & ENERGY STORAGE SYSTEM COMPONENTS: MODULES, UTILITY-INTERACTIVE INVERTERS, BATTERIES, AND SOURCE CIRCUIT COMBINER BOXES ARE IDENTIFIED AND LISTED FOR USE IN PHOTOVOLTAIC SYSTEMS AS REQUIRED BY NEC AND OTHER GOVERNING CODES
1.1.4 ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL BUILDING CODE. IF EXPOSED TO SUNLIGHT, IT SHALL BE UV RESISTANT. ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS REQUIRED BY THE NEC AND AHJ.

SCOPE OF WORK
1.2.1 CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS OF THE GRID-TIED PHOTOVOLTAIC & ENERGY STORAGE SYSTEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR COLLECTION OF EXISTING ONSITE CONDITIONS TO DESIGN, SPECIFY, AND INSTALL THE PITCHED ROOF-MOUNTED PV SYSTEM AND ENERGY STORAGE SYSTEM DETAILED IN THIS DOCUMENT

SCOTT
WYSSLIN
G

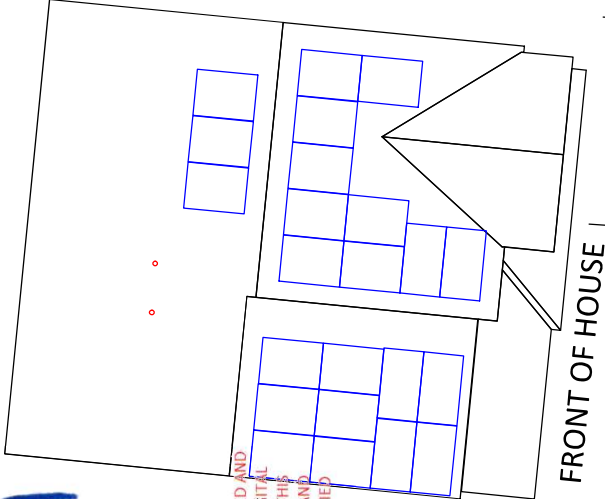
Digitally signed by SCOTT WYSSLIN
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DRIVEWAY

FRONT OF HOUSE

BANEBERRY PLACE

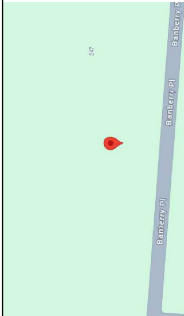
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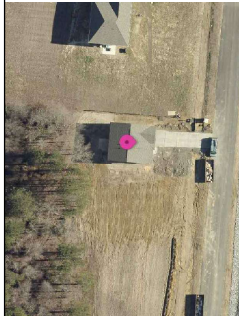
LEGEND

—	• PROPERTY LINE
—	• FENCE LINE

VICINITY MAP



SATELLITE MAP



CONTRACTOR

SOLARTYME BY AAPCO
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PHONE - (804) 271-2500
LIC. NO. - 2705036452

PROJECT NAME & ADDRESS
ALBERTO VELEZ
54 BANEBERRY PLACE,
BROADWAY, NC 27505

AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10.120 KW DC-(STC) / 8.740 KW AC
(23) HYUNDAI HIN-T440NF(BK)
(23) ENPHASE IQ8HC-72-M-DOM-US
(1) PWRCELL 2 APKE00075 w/ (4) 3.0 KWH
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE

COVER PAGE

DRAWN DATE 10/13/2025

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SHEET NUMBER

PV-01

1 PROPERTY PLAN

SCALE: 1" = 10'-0"

NOTES:

1. ROOF ACCESS POINT SHALL NOT BE LOCATED IN AREAS THAT REQUIRE THE REMOVAL OF STRUCTURAL MEMBERS OR OPENINGS SUCH AS WINDOW SILL JOISTS, AND LOCATED AT STRONG POINTS OF BUILDING CONSTRUCTION IN LOCATIONS WHERE THE ACCESS POINT DOES NOT CONFLICT WITH OVERHEAD WIRES OR SIGNS.
2. STRUCTURES, PATIO COVERS, AND/OR ADDITIONS BUILT WITHOUT PERMITS TO BE RESOLVED BY A SEPARATE PERMIT.

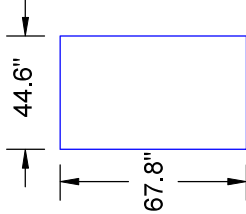
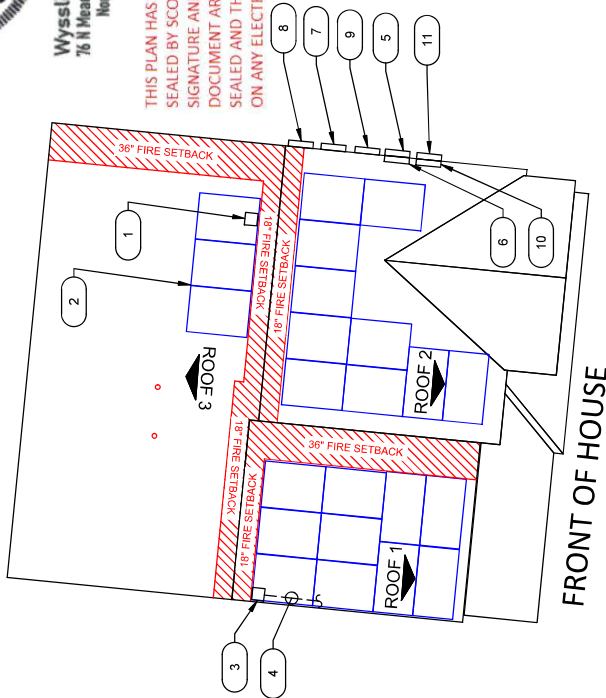
PLAN VIEW TOTAL ROOF AREA: 1843.29 FT²
TOTAL PV ARRAY AREA: 482.98 FT²
TOTAL % OF ROOF COVERED BY PV: 26.20%



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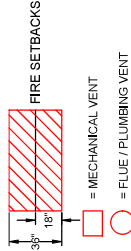


1 SITE PLAN

SCALE: 1" = 10'-0"

1 PV-02

LEGEND



- 1 MICRON INVERTER (1 PER MODULE)
- 2 PV MODULES
- 3 JUNCTION BOX, SIZE DETERMINED IN FIELD
- 4 CONDUIT RUN, SURFACE MOUNTED (ACTUAL CONDUIT RUNS TO BE DETERMINED IN FIELD)
- 5 UTILITY METER (UNDERGROUND SERVICE) METER # 343 840 405
- 6 MAIN SERVICE PANEL
- 7 AC DISCONNECT
- 8 ENPHASE IQ COMBINER BOX
- 9 GENERAC SMART DISCONNECT SWITCH
- 10 (1) APKE00076 BATTERY CABINET
- 11 GENERAC INVERTER APKE00075

ROOF 1	SLOPE	- 30°
	AZIMUTH	- 186°
	MODULE QTY	- 10
ROOF 2	WOOD TRUSS	- 2"x4" @ 24" O.C.
	COMPOSITE SHINGLE	
	SLOPE	- 30°
ROOF 3	AZIMUTH	- 186°
	MODULE QTY	- 10
	WOOD TRUSS	- 2"x4" @ 24" O.C.
ROOF 3	SLOPE	- 30°
	AZIMUTH	- 6°
	MODULE QTY	- 3
ROOF 3	WOOD TRUSS	- 2"x4" @ 24" O.C.
	COMPOSITE SHINGLE	

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AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10, 120 KW (DC+STC) / 8,740 KW AC
(23) HYUNDAI HIN-140NFBK
(1) INVERTER (2) BATTERY CABINETS
(1) PVWCELL 2 APKE00075 W/ (4) 3.0 MWH
DCB BATTERY

REVISIONS

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SITE PLAN

DRAWN DATE 10/13/2025

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PV-02

DISTRIBUTED LOAD CALCULATIONS

MODULE	HYUNDAI HIN-1440N(BK)
MODULE WEIGHT	50.01 LBS
MODULE DIMENSIONS (L" x W")	67.8" x 44.6"
TOTAL QTY. OF MODULES	23
TOTAL WEIGHT OF MODULES	1150.2 LBS
TYPE OF RACKING	UNIRAC 185RLM1
TYPE OF ATTACHMENT	UNIRAC SH-BUTYL M2
DISTRIBUTED WEIGHT OF RACKING	0.5 PSF
TOTAL WEIGHT OF ARRAY	1391.7 LBS
AREA OF MODULE	21.0 SQFT.
TOTAL ARRAY AREA	483.0 SQFT.
DISTRIBUTED LOAD	2.9 PSF

NOTE:

1. CONTRACTOR/INSTALLER TO VERIFY COMPATIBILITY OF ANY BRANDS OR PRODUCTS SUBSTITUTED OR USED AS ALTERNATES WITHIN ANY BRAND-SPECIFIC SYSTEMS. CONTRACTOR SHALL SUPPLY AND PRESENT CERTIFICATES OF COMPATIBILITY TO THE BUILDING OFFICIAL UPON INSPECTION AS NEEDED.

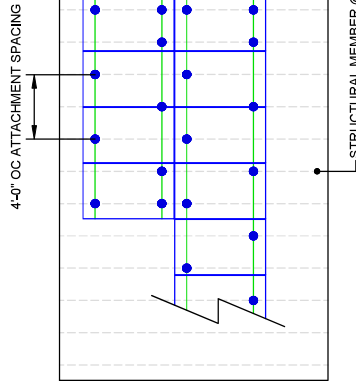
2. REFER TO PV MODULE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR RAIL SPACING SPECIFICATIONS



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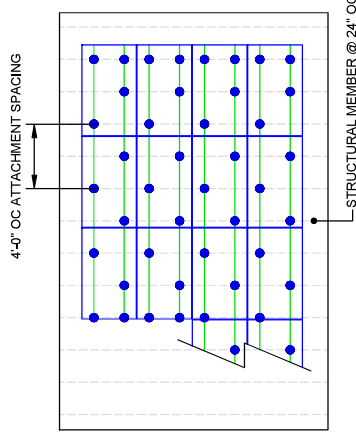
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1.0 TYPICAL ATTACHMENT PLAN (PORTRAIT)

PV-03

SCALE: NTS

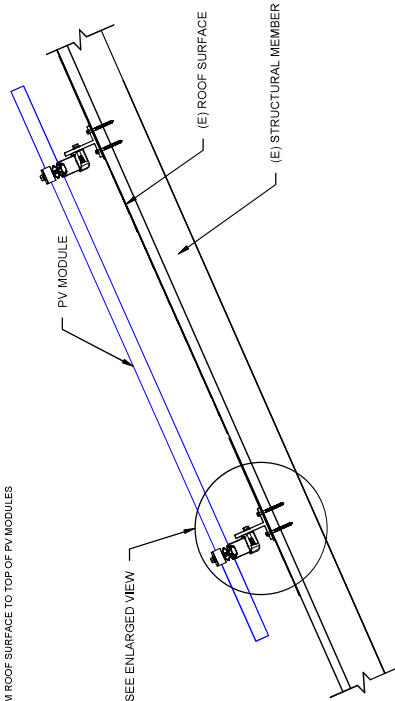


1.1 TYPICAL ATTACHMENT PLAN (LANDSCAPE)

PV-03

SCALE: NTS

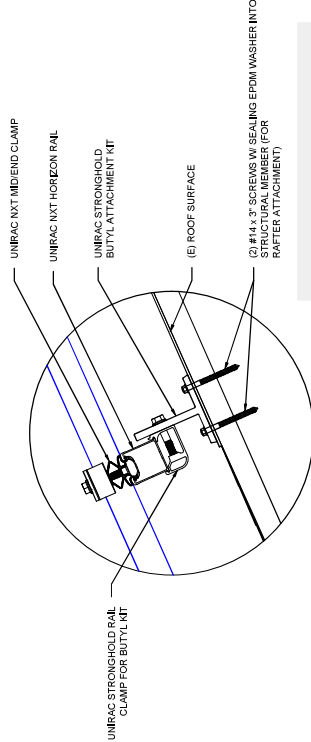
NOTE: 6" MAXIMUM DISTANCE FROM ROOF SURFACE TO TOP OF PV MODULES



2 ATTACHMENT DETAIL

PV-03

SCALE: NTS



3 ENLARGED VIEW

PV-03

SCALE: NTS

LEGEND

- ATTACHMENT POINTS
- RAIL
- STRUCTURAL MEMBER

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AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10,120 KW (DC+STC) / 8,740 KW AC
(23) HYUNDAI HIN-1440N(BK)
(23) UNIRAC 185RLM1
(1) POWERCELL 2-APKE00075 w/ (4) 3.0 MWH
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE
ATTACHMENT PLAN
& DETAILS

DRAWN DATE 10/13/2025

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SHEET NUMBER

PV-03

GENERAL NOTES

SITE NOTES

2.1.1 A LADDER WILL BE IN PLACE FOR INSPECTION IN ACCORDANCE WITH OSHA REGULATIONS.
2.1.2 THE PV MODULES ARE CONSIDERED NON-COMBUSTIBLE AND THIS SYSTEM IS A UTILITY INTERACTIVE SYSTEM WITH STORAGE BATTERIES.
2.1.3 THE SOLAR PV INSTALLATION WILL NOT OBSTRUCT ANY PLUMBING, MECHANICAL, OR BUILDING ROOF VENTS.
2.1.4 PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL BE PROVIDED IN ACCORDANCE WITH SECTION NEC 110.
2.1.5 ROOF COVERINGS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THIS CODE AND THE APPROVED MANUFACTURER'S INSTRUCTIONS SUCH THAT THE ROOF COVERING SERVES TO PROTECT THE BUILDING OR STRUCTURE.

EQUIPMENT LOCATIONS

2.2.1 ALL EQUIPMENT SHALL MEET MINIMUM WORKING CLEARANCES IN ACCORDANCE WITH NEC 110.
2.2.2 WIRING SYSTEMS INSTALLED IN DIRECT SUNLIGHT MUST BE RATED FOR EXPECTED OPERATING TEMPERATURE AS SPECIFIED BY 2020 NORTH CAROLINA ELECTRICAL CODE.
2.2.3 JUNCTION AND PULL BOXES PERMITTED INSTALLED UNDER PV MODULES IN ACCORDANCE WITH NEC 690.
2.2.4 ALL EQUIPMENT SHALL BE INSTALLED ACCESSIBLE TO QUALIFIED PERSONNEL IN ACCORDANCE WITH NEC APPLICABLE CODES.
2.2.5 ALL COMPONENTS ARE LISTED FOR THEIR PURPOSE AND RATED FOR OUTDOOR USAGE WHEN APPROPRIATE.

STRUCTURAL NOTES

2.3.1 RACKING SYSTEM & PV ARRAY WILL BE INSTALLED IN ACCORDANCE WITH THE CODE-COMPLIANT INSTALLATION MANUAL. TOP CLAMPS REQUIRE A DESIGNATED SPACE BETWEEN MODULES, AND RAILS MUST ALSO EXTEND A MINIMUM DISTANCE BEYOND EITHER EDGE OF THE ARRAY/SUB-ARRAY, IN ACCORDANCE WITH RAIL MANUFACTURER'S INSTALLATION PRACTICES.
2.3.2 JUNCTION BOX WILL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, IF ROOF-PENETRATING TYPE, IT SHALL BE FLASHED & SEALED PER LOCAL REQUIREMENTS.
2.3.3 ROOFTOP PENETRATIONS FOR PV RACEWAY WILL BE COMPLETED AND SEALED W/ APPROVED CHEMICAL SEALANT PER CODE BY A LICENSED CONTRACTOR.
2.3.4 ALL PV RELATED ROOF ATTACHMENTS TO BE SPACED NO GREATER THAN THE SPAN DISTANCE SPECIFIED BY THE RACKING MANUFACTURER OR PROFESSIONAL ENGINEERING GUIDANCE.
2.3.5 WHEN POSSIBLE, ALL PV RELATED RACKING ATTACHMENTS WILL BE STAGGERED AMONGST THE ROOF FRAMING MEMBERS.

WIRING & CONDUIT NOTES

2.4.1 ALL CONDUIT AND WIRE WILL BE LISTED AND APPROVED FOR THEIR PURPOSE. CONDUIT AND WIRE SPECIFICATIONS ARE BASED ON MINIMUM CODE REQUIREMENTS AND ARE NOT MEANT TO LIMIT UP-SIZING.
2.4.2 CONDUCTORS SIZED IN ACCORDANCE WITH THE NEC
2.4.3 AC CONDUCTORS TO BE COLORED OR MARKED PER NEC
2.4.4 LISTED OR LABELED EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH ANY INSTRUCTIONS INCLUDED IN THE LISTING OR LABELING PER NEC

GROUNDING NOTES

2.5.1 GROUNDING SYSTEM COMPONENTS SHALL BE LISTED FOR THEIR PURPOSE, AND GROUNDING DEVICES EXPOSED TO THE ELEMENTS SHALL BE RATED FOR SUCH USE.
2.5.2 PV EQUIPMENT SHALL BE GROUNDING IN ACCORDANCE WITH NEC 690 AND NEC TABLE 250.122.
2.5.3 METAL PARTS OF MODULE FRAMES, MODULE RACKING, AND ENCLOSURES CONSIDERED GROUNDING IN ACCORDANCE WITH NEC 250.
2.5.4 EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH NEC 690 AND INVERTER MANUFACTURER'S INSTALLATION PRACTICES
2.5.5 EACH MODULE WILL BE GROUNDING AS SHOWN IN MANUFACTURER DOCUMENTATION AND APPROVED BY THE AHJ.
2.5.6 THE GROUNDING CONNECTION TO A MODULE SHALL BE ARRANGED SUCH THAT THE REMOVAL OF A MODULE DOES NOT INTERRUPT A GROUNDING CONDUCTOR TO ANOTHER MODULE.
2.5.7 GROUNDING AND BONDING CONDUCTORS, IF INSULATED, SHALL BE COLORED GREEN OR MARKED GREEN IF #4 AWG OR LARGER PER NEC 250.
2.5.8 THE GROUNDING ELECTRODE SYSTEM COMPLIES WITH NEC 690 AND NEC 250, IF EXISTING SYSTEM IS INACCESSIBLE, OR INADEQUATE, A GROUNDING ELECTRODE SYSTEM PROVIDED IN ACCORDANCE WITH NEC 250, NEC 690 AND THE AHJ.
2.5.9 GROUND-FAULT DETECTION SHALL COMPLY WITH NEC 690 TO REDUCE FIRE HAZARDS

DISCONNECTION AND OVERCURRENT PROTECTION NOTES

2.6.1 DISCONNECTING SWITCHES SHALL BE WIRED SUCH THAT WHEN THE SWITCH IS OPENED THE CONDUCTORS REMAINING ENERGIZED ARE CONNECTED TO THE TERMINALS MARKED "LINE SIDE" (TYPICALLY THE UPPER TERMINALS).
2.6.2 DISCONNECTS TO BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE, AND BE A VISIBLE-BREAK SWITCH
2.6.3 PV SYSTEM CIRCUITS INSTALLED ON OR IN HABITABLE BUILDINGS SHALL INCLUDE A RAPID SHUTDOWN FUNCTION TO REDUCE SHOCK HAZARD FOR EMERGENCY RESPONDERS IN ACCORDANCE WITH 690.
2.6.4 ALL OCPD RATINGS AND TYPES SPECIFIED ACCORDING TO NEC 690 AND 240.
2.6.5 INVERTER ON-GRID BRANCHES SHALL BE CONNECTED TO A SINGLE BREAKER OR GROUPED FUSE DISCONNECT(S) IN ACCORDANCE WITH NEC 110.
2.6.6 IF REQUIRED BY THE AHJ, SYSTEM WILL INCLUDE ARC-FAULT CIRCUIT PROTECTION IN ACCORDANCE WITH NEC 690 AND UL 1699B.

INTERCONNECTION NOTES

2.7.1 LOAD SIDE INTERCONNECTION SHALL BE IN ACCORDANCE WITH NEC 705.
2.7.2 THE SUM OF THE UTILITY OCPD AND INVERTER CONTINUOUS OUTPUT MAY NOT EXCEED 120 PERCENT OF BUSBAR RATING PER NEC 705.
2.7.3 THE SUM OF 125 PERCENT OF THE POWER SOURCE(S) OUTPUT CIRCUIT CURRENT AND THE RATING OF THE OVERCURRENT DEVICE PROTECTING THE BUSBAR SHALL NOT EXCEED 120 PERCENT OF THE AMPACITY OF THE BUSBAR, PV DEDICATED BACKFEED BREAKERS MUST BE LOCATED OPPOSITE END OF THE BUS FROM THE UTILITY SOURCE OCPD PER NEC 705.
2.7.4 AT MULTIPLE ELECTRIC POWER SOURCES OUTPUT COMBINER PANEL, TOTAL RATING OF ALL OVERCURRENT PROTECTION DEVICES SHALL NOT EXCEED AMPACITY OF BUSBAR, HOWEVER, THE MAIN OVERCURRENT PROTECTION DEVICE MAY BE EXCLUDED IN ACCORDANCE WITH NEC 705.
2.7.5 FEEDER TAP INTERCONNECTION (LOAD SIDE) IN ACCORDANCE WITH NEC 705.
2.7.6 SUPPLY SIDE TAP INTERCONNECTION IN ACCORDANCE WITH TO NEC 705 WITH SERVICE ENTRANCE CONDUCTORS IN ACCORDANCE WITH NEC 230.
2.7.7 BACKFEEDING BREAKER FOR ELECTRIC POWER SOURCES OUTPUT IS EXEMPT FROM ADDITIONAL FASTENING PER NEC 705.

CONTRACTOR

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54 BANEERRY PLACE,
BROADWAY, NC 27505

AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS

10, 120 KW(DC+15C) / 7,670 KW AC
(23) HYBRID INVERTER (HIB)
(1) INVERTER
(1) PVWCELL 2-APR30075 w/ (4) 3.0 kWh
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE

NOTES

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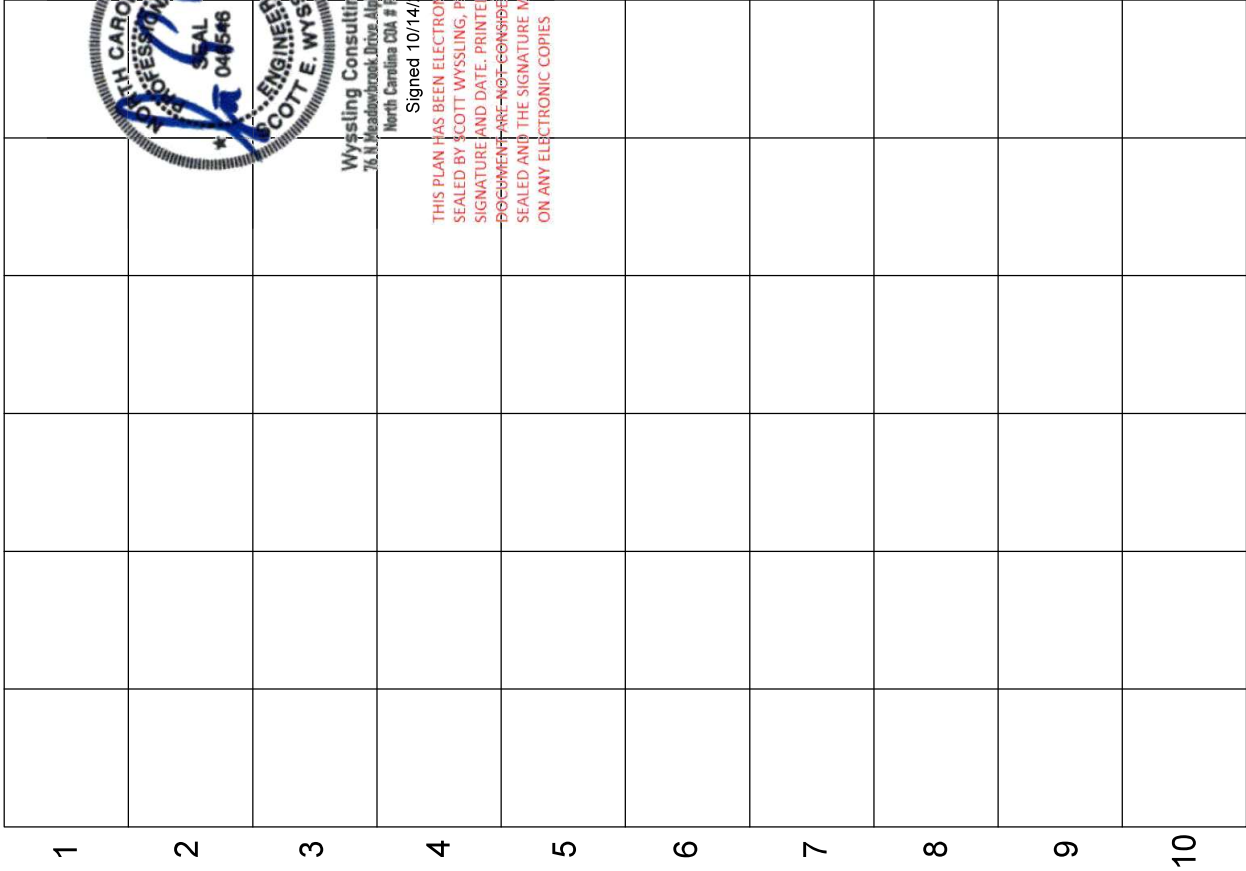
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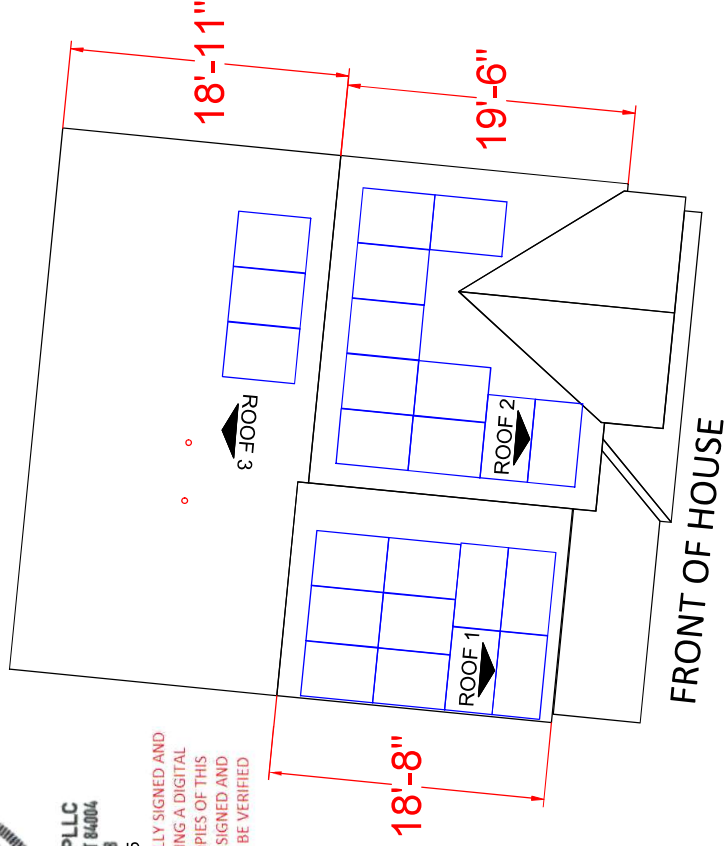
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SYSTEM DETAILS
10,120 KW(DC+STC) / 8,740 KW AC
(231 HYUNDAI HIN-140NFBK)
(1) 100% SHADING COEFFICIENT
(1) PV MODULE 2 APR50075 W / 4) 3.0 MWH
DCB BATTERY

REVISIONS

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INSTALLATION
RESOURCE

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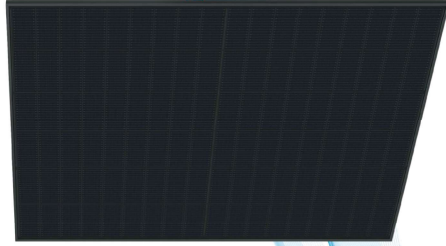
SHEET NUMBER
PV-07

HD HYUNDAI SOLAR MODULE

NF(BK) Series

Premium N-Type TOPCon Module

HIN-T430NF(BK) | HIN-T435NF(BK) | HIN-T440NF(BK)



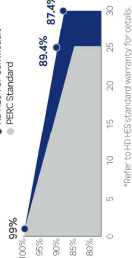
- 22.53% High Efficiency
- 22.43% High Efficiency
- High-End TOPCon Technology
- Higher Bifaciality
- Long Term Reliability
- Compatible with Carport Applications
- For Residential (Full Black Design)

HD Hyundai's Warranty Provisions

- 25-Year** Product Warranty
 - Material and workmanship
- 30-Year** Performance Warranty
 - First year degradation: 1%
 - Linear warranty after initial year: 0.45% annual degradation
 - Warranty is guaranteed up to 30 years

Certification

- ISO 9001 Quality management systems
- ISO 14001 Environmental management systems
- ISO 45001 Occupational health and safety management systems
- UL 1709 - 1000V DC Voltage with safety margin (UL954 Class I)
- IEC 61215 - 1000V DC Voltage with safety margin (UL954 Class I)
- IEC 61215 - 1000V DC Voltage with safety margin (UL954 Class I)
- IEC 61215 - 1000V DC Voltage with safety margin (UL954 Class I)



Electrical Characteristics

Item	Unit	HIN-T430NF(BK)	HIN-T435NF(BK)	HIN-T440NF(BK)
Nominal output (P _{max})	W	430	476	482
Open circuit voltage (V _{oc})	V	38.4	38.6	38.8
Short circuit current (I _{sc})	A	14.25	15.79	14.32
Voltage at P _{max} (V _{mp})	V	31.9	31.9	32.1
Current at P _{max} (I _{mp})	A	13.48	14.94	13.56
Module efficiency	%	22.02	24.40	22.53
Power Class Sorting	W	0	0	0
Temperature coefficient of P _{max}	%/K	-0.30	-0.25	-0.25
Temperature coefficient of V _{oc}	%/K	-0.30	-0.25	-0.25
Temperature coefficient of I _{sc}	%/K	0.046	0.046	0.046
Bifaciality	%	87%	10%	10%

*The electrical properties of the modules are measured under the irradiance of 1000 W/m² on the module front and 135 W/m² on the module rear.

**The electrical properties of the modules are measured under the irradiance of 1000 W/m² on the module front and 135 W/m² on the module rear.

Item	Unit	HIN-T430NF(BK)	HIN-T435NF(BK)	HIN-T440NF(BK)
Power gain	W/m ²	458	493	528
5%	W/m ²	32.30	32.30	32.40
15%	W/m ²	32.30	32.30	32.40
25%	W/m ²	32.30	32.30	32.40

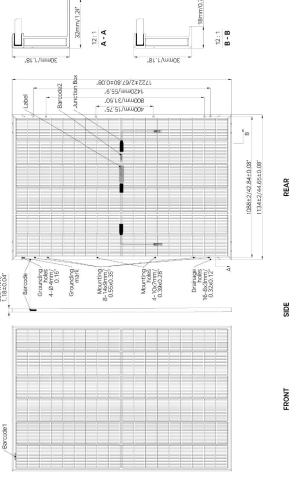
Mechanical Characteristics

Dimensions	1,722mm (L) x 1,134mm (W) x 30mm (H)
Weight	24.5 kg (53.0 lbs)
Solar Cells	N-type TOPCon, 108 (6x18) monocrystalline 1688 half-cut bifacial cells
Output Cables	Cable : (+) 200mm(47.2in), (-) 200mm(47.2in) / Customized length available
Junction Box	3-part, 3 bypass diodes, IP68 rated
Construction	Front: 2.0mm(0.08in) semi-tempered solar glass with high transmittance
Frame	Rear: 2.0mm(0.08in) semi-tempered solar glass
Frame	Anodized aluminum alloy

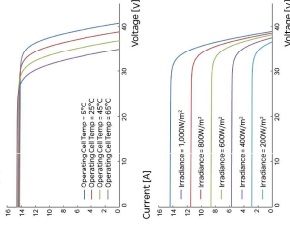
Shipping Configurations

Packing Direction	Vertical	Packing pallet weight (kg)	912
Container Size (m)	40'	Modules Per Pallet (pcs)	36
Pallets Per Container	26	Modules Per Container (pcs)	936

Module Diagram (unit : mm)



I-V Curves (HIN-T440NF(BK))



Sales & Marketing
hies.hall@hd.com

HD Hyundai Energy Solutions reserves the right to update or modify the specifications and features listed in this document without prior notice. Always check the latest version of this document for accurate information. Information is for reference only. Please refer to the installation and operation manual and warranty for details of installation and operation.

HD HYUNDAI
ENERGY SOLUTIONS

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LIC. NO. - 270506452

PROJECT NAME & ADDRESS
ALBERTO VELEZ
54 BANEERRY PLACE,
BROADWAY, NC 27505

AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10, 120 KW (DC+STC) / 7.4/40 KW AC
(23) HYUNDAI HIN-T440NF(BK)
10, 120 KW (DC+STC) / 7.4/40 KW AC
(1) PWRCELL 2-APRKE0075 W (4) 3.0 MWH
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE INSTALLATION RESOURCE

DRAWN DATE 10/13/2025

DRAWN BY VHN

SHEET NUMBER

R-1

MODEL NUMBER: APKE00075



MECHANICAL	
Dimensions	22 1/4" in x 8 3/4" in x 24 3/4" in (57.19 cm x 20.37 cm x 61.13 cm)
Weight	62.1 lb (28.15 kg)
Mounting Options	Wall
ENVIRONMENTAL	
Operating Temperature	-22 to 122 °F (-30 to 50 °C)
Operating Humidity	Up to 100% condensing
Maximum Elevation	6562 ft (2000 m)
Environment	Indoor and outdoor rated
Enclosure Rating	NEMA 3R
COMPLIANCE	
Certifications	UL 744, UL 744 SAT, UL 741, UL 741 SB, UL 1998, IEEE 1547, IEEE 1547.4, IEEE 1547.7, IEEE 1547.8, No. 21, Rule 441 (HCO SRD V2.0), ISO-NE, REC-024, Regulation NSR-15 (PREPA), NSR-15 CSF
Emissions	FCC Part 15 Class B

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SHEET TITLE
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RESOURCE

DRAWN DATE	10/13/2025
DRAWN BY	VHN

SHEET NUMBER
R-2

CONTRACTOR

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PROJECT NAME & ADDRESS
ALBERTO VELEZ
54 BANEERRY PLACE,
BROADWAY, NC 27505

AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS

SYSTEM DETAILS
10. 120 KW DC-(STC) / 8.740 KW AC
(23) HYUNDAI HIN-T440NF(BK)
(23) ENPHASE IQ8HC-72-M-DOM-US
(1) PWRCELL 2 APKE00075 w/ (4) 3.0
DCR BATTERY

SHEET TITLE

INSTALLATION RESOURCE

DRAWN DATE	10/13/2025
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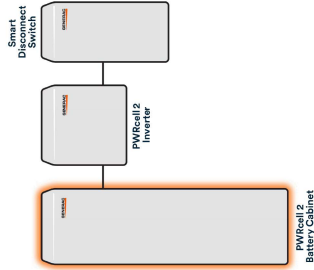
SHEET NUMBER

R-2

PWRcell 2 Battery Cabinet

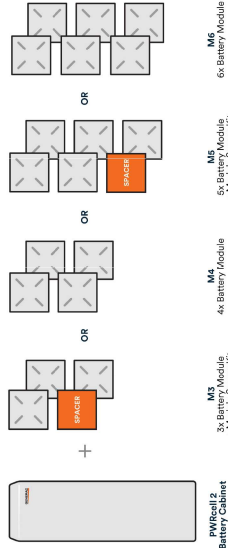
MODEL NUMBERS
Battery Enclosure Only: APKE00076
3.0 kWh PWRcell 2 DCB Battery Modules: G0080041

The PWRcell 2 Battery Cabinet can be configured for 9-18 kWh of storage capacity using 3.0 kWh battery modules.
Suitable for indoor and outdoor wall mount* with NEMA 3R rating.



SYSTEM OVERVIEW Battery Cabinet

The PWRcell 2 Battery Cabinet is one component of the PWRcell 2 Home Energy Storage System.



SYSTEM OVERVIEW Battery Configuration

*Optional floor support with leveling feet (APKE00103).

PWRcell 2 Battery Cabinet Specifications

BATTERY CONFIGURATIONS					
PERFORMANCE	M3	M4	M5	M6	
Usable Battery Energy¹	9 kWh	12 kWh	15 kWh	18 kWh	18 kWh
Max. Continuous Power²	5.2 kW	7 kW	8.7 kW	10.5kW	10.5kW
ELECTRICAL					
Voltage Range (Input/Output)	360 - 420 VDC				
Maximum Continuous Current	14.58 A	19.44 A	24.30 A	29.15 A	29.15 A
ENVIRONMENTAL					
Operating Temperature Range - Charging	23 to 122 °F (-5 to 50 °C)				
Operating Temperature Range - Discharging	-4 to 122 °F (-20 to 50 °C)				
Maximum Elevation	6560 ft (2000 m)				
Enclosure Rating	NEMA 3R				
MECHANICAL					
Dimensions (DxWxH)	10 1⁄4 in x 23 in x 70 in (271 cm x 58.2 cm x 177.7 cm)				
Total Weight of Cabinet	113 lb (51.3 kg)				
Total Weight of Installed Unit	278 lbs (126.1 kg)	333 lbs (151 kg)	388 lbs (76 kg)	443 lbs (200.9 kg)	443 lbs (200.9 kg)
Maximum Lift Weight of Cabinet	62.6 lbs (28.4 kg)				
Mounting	Wall, with optional floor support				
COMPLIANCE					
Safety	UL 9540¹, UL 9540A, UL 1973, UL 1998				
Environmental	FCC Part 15 Class B				
Evaluated Functions/Protection	Battery overcharge, battery over discharge, battery short-circuit, system overcurrent, battery temperature, cabinet switch (disconnect)				

¹At beginning of life at 77 °F (25 °C). See product warranty document for more information.
²Derating may occur at temperatures above 104 °F (40 °C) and below 32 °F (0 °C).
³Suitable for use in residential non-habitable spaces.

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UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10, 120 KW (DC+AC) / 8,740 KW AC
(23) HYDRA-110-140NFBK
(1) PWRCELL 2 DCB BATTERY
(1) PWRCELL 2 APKE00076 w/ (4) 3.0 kWh
DCB BATTERY

REVISIONS

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SHEET NUMBER

R-3

PWR CELL

3.0kWh 24V Rcell DCB Battery Module
Model # 8J-DCB05ZK8G (Ordering SKU: G0080040)

FEATURES & BENEFITS

- Suitable for indoor and outdoor use
- Modular: Stack the right number of battery modules for the application
- Upgradeable: Add more modules later when consumer needs change
- Easy to install: At just 55lbs, installers won't need special equipment to move and install these batteries

Note: Charge/discharge rate may be reduced at temperature extremes

Generac Power Systems, Inc.
S45 W29290 Hwy. 59, Waukesha, WI 53189
www.generac.com | 888-GENERAC (436-3722)



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SYSTEM DETAILS

10, 120 kW DC-(STC) / 8,740 kW AC
(23) HYUNDAI HIN-T440NF(BK)
(23) ENPHASE IQ8HC-72-M-DOM-US
(1) PWRCELL 2 APKE00075 w/ (4) 3.0 kW
DCB BATTERY

REVISIONS

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SHEET TITLE
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RESOURCE

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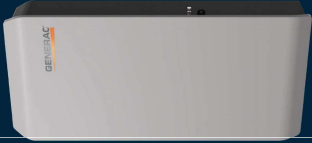
Smart Disconnect Switch (SDS)

MODEL NUMBER: APKE00067

The Smart Disconnect Switch is a versatile and powerful addition to the PWRcell 2 system that aggregates all power generation sources into one hub - supporting AC-coupled PV, battery backup and generator integration. The SDS also has integrated power control systems (PCS), reducing the need for main service panel upgrades.

Features & Benefits

- Integrates with ecobee Smart Thermostat Enhanced and Premium models, enhancing energy management capabilities
- Seamlessly connects Generac home standby generators up to 28 kW¹ for exceptional resiliency
- Wi-Fi, LTE connectivity
- Supports both partial and whole home backup
- Suitable for service and non-service entrance



Specifications

PERFORMANCE		ENVIRONMENTAL	
AC Voltage (Nominal)	20/240 V	Operating Temperature	-22 to 122 °F (-30 to 50 °C)
Grid Type	Single Phase	Operating Humidity	Up to 100% condensing
Grid Frequency	60 Hz	Maximum Elevation	6562 ft (2000 m)
Current Rating	200 A	Environment	Indoor and outdoor/rated
Minimum Input Short Circuit Current	22 kA	Enclosure Type	NEMA 3R
Automatic Transfer Time	< 50 ms	COMPLIANCE	
Overcurrent Protection Device	Main breaker (EATON 2-pole series only): CSR2100N (100A), CSR2125N (125A), CSR2150N (150A), CSR2200N (200A)	Certifications	UL TH4, UL TH4-S411, UL TH4-SB, UL 8189A, UL 67, UL TH4-C80, PCS: UL 3141, IEEE 1547, IEEE 1547a, IEEE 1547.1, IEEE 2030.5, CSIP, CA Rule 21, Rule 14H (HECO SRD V2.0), ISO-NE, PSC-024, regulation No. 8915 (PKEPA), FCC Part 15 Class B
Over-voltage Category	IV	Emissions	FCC Part 15 Class B
Primary Connectivity	Wi-Fi	INTERCONNECTION	
Secondary Connectivity	Cellular (LTE CAT-M), Ethernet	Maximum Back Up Load Panel	200 A
System Control Method	CAN	Maximum Non-Back Up Load Panel	100 A
Warranty	10 years	Generac Generator ²	Up to 28 kW ¹
MECHANICAL		Max. AC PV Breaker Size	60 A ¹
Dimensions (L x W x H)	17 7/8 in x 7 3/8 in x 36 1/8 in (45.46 cm x 18.03 cm x 92.71 cm)	ESS	60 A ¹
Weight	54 lbs (24.49 kg)		
Mounting Options	Wall		

¹Check with your Generac representative for the latest updates.

²Compatible with Generac air-cooled home standby generators only.

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AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS

10, 120 KW (DC+STC) / 8,740 KW AC
(23) HYUNDAI HIN1740NFBK)
(1) INVERTER (100KW) (2) PCS
(1) PWRCELL 2 APKE00075 w/ (4) 3.0 kWh
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

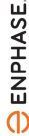
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SHEET NUMBER

R-5



X-IQ-AMT-240-5-HDK
X-IQ-AMT-240-5C-HDK
X-IQ-AMT-240-5
X-IQ-AMT-240-5C

IQ Combiner 5/5C

The IQ Combiner 5/5C consolidates interconnection into a single enclosure and streamlines IQ Series Microinverters and IQ Gateway installation by providing a consistent, pre-wired solution for residential applications. IQ Combiner 5/5C uses wired control communication and is compatible with IQ System Controller 3/3G and IQ Battery 5P.

The IQ Combiner 5/5C, IQ Series Microinverters, IQ System Controller 3/3G, and IQ Battery 5P provide a complete grid-tied Enphase Energy System.



IQ Series Microinverters
The high-powered smart grid-roof IQ Series Microinverters (IQ6, IQ7, and IQ8 Series) simplify the installation process.



IQ System Controller 3/3G
Provides microgrid interconnection device (MBI) functionality by automatically detecting grid failures and seamlessly transitioning the home energy system from grid power to backup power.



IQ Load Controller
Fully integrated AC battery system. Includes six field-replaceable IQ8-BAT Microinverters, and prolongs battery life.



IQ Battery 5P
Fully integrated AC battery system. Includes six field-replaceable IQ8-BAT Microinverters, and prolongs battery life.



5-year limited warranty



*For country-specific warranty information, see the <https://enphase.com/installer/resources/warranty> page.
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IQ Combiner 5/5C

MODEL NUMBER	WHAT'S IN THE BOX
IQ Combiner 5 X-IQ-AMT-240-5/ X-IQ-AMT-240-5-HDK	IQ Combiner 5 with IQ Gateway printed circuit board for integrated revenue-grade PV production metering (ANSI C12.20, IQ 5%), consumption monitoring (±2.5%), and IQ Battery monitoring (±2.5%). Includes a silver solar shield to deflect heat. IQ-AMT-240-5-HDK includes a factory installed hold-down kit compatible with all the circuit breakers mentioned in the Accessories and Replacement Parts section.
IQ Combiner 5C X-IQ-AMT-240-5C / X-IQ-AMT-240-5C-HDK	IQ Combiner 5C with IQ Gateway printed circuit board for integrated revenue-grade PV production metering (ANSI C12.20 ±0.5%), consumption monitoring (±2.5%), and IQ Battery monitoring (±2.5%). Includes Enphase Mobile Connect cellular modem (CELLMODEM-MT-06-SP-05). Includes a silver solar shield to deflect heat. IQ-AMT-240-5C-HDK includes a factory installed hold-down kit compatible with all the circuit breakers mentioned in the Accessories and Replacement Parts section.
WHAT'S IN THE BOX	
IQ Gateway printed circuit board	IQ Gateway is the platform for total energy management for comprehensive, remote maintenance, and management of the Enphase Energy System.
Busbar	80 A busbar with support for one IQ Gateway breaker and four 20 A breakers for installing IQ Series Microinverters and IQ Battery 5P
IQ Gateway breaker	Circuit breaker, 2-pole, 10 A/15 A
Production CT	Pre-wired revenue-grade solid-core CT, accurate up to ±0.5%
Consumption CT	Two consumption metering clamp CTs, shipped with the box, accurate up to ±2.5%
IQ Battery CT	One battery metering clamp CT, shipped with the box, accurate up to ±2.5%
CTRL board	Control board for wired communication with IQ System Controller 3/3G and the IQ Battery 5P
Enphase Mobile Connect (only with IQ Combiner 5C)	4G-based LTE-MT cellular modem (CELLMODEM-MT-06-SP-05) with a 5-year T-Mobile data plan
Accessories kit	Spare control headers for the COMMS-KIT-2 board
ACCESSORIES AND REPLACEMENT PARTS (NOT INCLUDED, ORDER SEPARATELY)	
CELLMODEM-MT-06-SP-05	4G-based LTE-MT cellular modem with a 5-year T-Mobile data plan
CELLMODEM-MT-06-AT-05	4G-based LTE-MT cellular modem with a 5-year AT&T data plan
Circuit breakers (off-the-shelf)	Supports Eaton BR2XX, Siemens C2XX, and GE/ABB THQ1.21XX Series circuit breakers (XX represents 10, 15, 20, 30, 40, 50, or 60). Also supports Eaton BR220B, BR230B, and BR240B circuit breakers compatible with the hold-down kit.
Circuit breakers (provided by Enphase)	BRK-10A-2P-240V, BRK-15A-2P-240V, BRK-20A-2P-240V, BRK-15A-2P-240V-B, and BRK-20A-2P-240V-B (more details in the "Accessories" section)
XA-SOLARSHIELD-E3	Replacement solar shield for IQ Combiner 5/5C
XA-ENV2-FCBA-5	IQ Gateway replacement printed circuit board (PCB) for IQ Combiner 5/5C
X-IQ-NA-HD-125A	Hold-down kit compatible with Eaton BR-8 Series circuit breakers (with screws). Not required for X-IQ-AMT-240-5-HDK/X-IQ-AMT-240-5C-HDK.
XA-COMMS2-PCBA-5	Replacement COMMS-KIT-2 printed circuit board (PCB) for IQ Combiner 5/5C
ELECTRICAL SPECIFICATIONS	
Rating	80 A
System voltage and frequency	120/240 VAC o 120/208 VAC, 60 Hz
Busbar rating	125 A
Fault current rating	10 kAIC
Maximum continuous current rating (input from PV/storage)	64 A
Branch circuits (solar and/or storage)	Up to four 2-pole Eaton BR, Siemens Q, or GE/ABB THQ1 Series distributed generation (DG) breakers only (not included)
Maximum total branch circuit breaker rating (input)	80 A of distributed generation/95 A with IQ Gateway breaker included
IQ Gateway breaker	10 A or 15 A rating GE/Siemens/Eaton included
Production metering CT	200 A solid core pre-installed and wired to IQ Gateway

*A plug-and-play industrial-grade cell modem for systems of up to 60 microinverters. Available in the United States, Canada, Mexico, Puerto Rico, and the US Virgin Islands, where there is adequate cellular service in the installation area.

IOC-5-SC-DSH-00007-6.0-EN-JS-2024-09-30

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AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10, 120 KW (DC+STC) / 7.8/40 KW AC
(23) HYDRA-110-H40N(BK)
(1) HYDRA-110-H40N(BK)
(1) PWRCELL 2-APKE00075 W / (4) 3.0 kWh
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE
INSTALLATION
RESOURCE

DRAWN DATE 10/13/2025

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SHEET NUMBER

R-7

Enphase Q Cable and Accessories

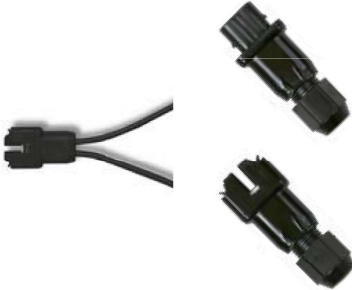
The **Enphase Q Cable™** and accessories are part of the sixth generation Enphase IQ System™. These products provide simplicity, reliability, and faster installation times.

Enphase Q Cable

- Two-wire, double-insulated Enphase Q Cable is 50% lighter than the previous generation Enphase cable
- Four-wire (three-phase) option also available
- New cable numbering and plug and play connectors speed up installation and simplify wire management
- Link connectors eliminate cable waste

Field-Wireable Connectors

- Easily connect Q cables on the roof without complex wiring
- Make connections from any open connector and center feed any section of cable within branch limits
- Available in male and female connector types



To learn more about Enphase offerings, visit enphase.com/au



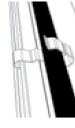
Enphase Q Cable Accessories

Q CABLE SPECIFICATIONS				
Voltage rating	600V (connector rating up to 250 V)			
Cable temperature rating	90° C wet/dry			
UV exposure rating	EN ISO 492-2			
Environmental protection rating	IEC 60529 IP67			
Compliance	ROHS, OIL RES I, CE, UV resists ant			
Cable insulation rating	H07BO-F			
Flame rating	IEC 60332-1-2			

Q CABLE TYPES / ORDERING OPTIONS				
Model Number	Max Nominal Voltage	Amperage Rating	Connector Spacing	PV Module Orientation
Q-25-10-240 (single-phase)	250 VAC	25 A	1.3 m	Portrait
Q-25-10-240-A* (single-phase)	250 VAC	25 A	2.0 m	Portrait
Q-25-17-240 (single-phase)	250 VAC	25 A	2.3 m	Portrait
Q-25-17-240-A* (single-phase)	250 VAC	25 A	2.3 m	Portrait
Q-25-20-200 (single-phase)	250 VAC	25 A	2.3 m	Portrait
Q-25-20-200-A* (single-phase)	250 VAC	25 A	2.3 m	Portrait
Q-25-10-3P-200 (three-phase)	250 VAC	25 A	2.3 m	Portrait
Q-25-17-3P-160 (three-phase)	250 VAC	25 A	2.3 m	Portrait
Q-25-20-3P-160 (three-phase)	250 VAC	25 A	2.3 m	Portrait

ENPHASE Q CABLE ACCESSORIES	
Name	Model Number
Raw Q Cable (single-phase)	Q-25-RAW-300
Raw Q Cable (three-phase)	Q-25-RAW-3P-300
Field-wireable connector (male)	Q-CONN-R-10M
Field-wireable connector (female)	Q-CONN-F-10M
Field-wireable connector (male)	Q-CONN-3P-10M
Field-wireable connector (female)	Q-CONN-R-10F
Field-wireable connector (female)	Q-CONN-3P-10F
Cable Clip	ET-CLIP-00
Disconnect tool	Q-DISC-11
Q Cable sealing caps (female)	Q-DISC-3P-10
Terminator (single-phase)	Q-SEAL-10
Terminator (three-phase)	Q-TERM-3P-10
Replacement DC Adaptor (MC4)	Q-DCC-2-INT

* Models with "A" designation for use only in Australia and New Zealand.

	TERMINATOR Terminator cap for unused cable ends. Sold in packs of ten (Q-TERM-R-11 / Q-TERM-3P-10)		SEALING CAPS Sealing caps for unused cable ends. Sold in packs of ten (Q-SEAL-10)
	DISCONNECT TOOL Plan to use at least one per installation, sold in packs of ten (Q-DISC-11) Three-phase model (Q-DISC-3P-10)		CABLE CLIP Used to fasten cabling to the racking or to secure looped cabling, sold in packs of one hundred (ET-CLIP-00)

To learn more about Enphase offerings, visit enphase.com/au

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BROADWAY, NC 27505

AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10, 120 KW (DC+STC) / 8,740 KW AC
(23) HYBRID INVERTER (HIBK)
(1) 100A DC BUS
(1) PV CELL 2 APR50075 W / 4) 3.0 MWH
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE
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RESOURCE

DRAWN DATE 10/13/2025

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SHEET NUMBER

R-8

UNIRAC
BETTER SOLAR STARTS HERE

25 YEAR FULL-SYSTEM WARRANTY

NXT UMOUNT™ COMBO CLAMP

DARK: CCLAMPDPT
MILL: CCLAMPMT

Clicks into rail anywhere (even where there are cables) Self-standing clamp with spring continues as both mid and end clamp. Clamps 30-40 mm modules. 1/2 inch module spacing for efficiency.

Non-scrutable handles that work both as mid and end clamps.

NIHESCLMP1



**NKT AMOUNT
CAP KIT**

ENDCAP01

Make the installation clear with the end designed to connect the module end and rail ends.

DATE: _____

clear with the end cap kit designed to complement the module end clamp and rail ends.

000000



DARK: 168RLD1

NOT INCLUDING THE FALL COLOR

NOT FINISHED: 11 OF 2 LHC SLAB

NXT UMOUNT™ WIRE MANAGEMENT CLIP WPCN501

NOT INCLUSIVE- WIDE MANAGEMENT OF

WRMCLP01

100% UNLIMITED 4G LTE WIDE WORLD COVERAGE

WRMCHSD1

SHEET TITLE
INSTALLATION
RESOURCE

FOR QUESTIONS OR CUSTOMER SERVICE VISIT UNIRAC.COM OR CALL 505-242-6411

SHEET NUMBER

2-9

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.



KITTED WITH

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

STRONGHOLD™ | BUTYL



SIMPLIFIED FLASHLESS SOLUTION

- One-step Butyl application
- Reliable waterproofing without messy sealant
- Eliminate roof disturbance
- Minimize labor

OPTIMIZED FOR NXT UMOUNT, UNIRAC'S OPEN CHANNEL RAIL SYSTEM

- Open slot design for ease of rail connectivity with included STRONGHOLD™ NXT rail clamp
- STRONGHOLD™ Butyl combined with the NXT UMOUNT system make installation and wire management a breeze

DUAL MOUNTING OPTIONS

- UL Certified with NXT UMOUNT
- Pre-attached butyl pad: Simply peel, stick, and fasten with the two (2) included screws for rafter mount
- For direct-to-deck applications, additional decking screws are available

ADDITIONAL BENEFITS

- Mill and Dark Finishes
- Option for extra cross-source butyl patches
- Competitively priced with standard rafter attachments



UNIRAC CUSTOMER SERVICE MEANS THE HIGHEST LEVEL OF PRODUCT SUPPORT



TECHNICAL SUPPORT

UNIRAC's technical support team is dedicated to answering questions & addressing issues in real time. An online library of documents including engineering reports, stamped letters and technical data sheets greatly simplifies your permitting and project planning process.

CERTIFIED QUALITY PROVIDER

UNIRAC is the only PV mounting vendor with ISO certifications for 9001:2015, 14001:2015 and OHSAS 18001:2007, which means we deliver the highest standards for fit, form, and function. These certifications demonstrate our excellence and commitment to first class business practices.

BANKABLE WARRANTY

Don't leave your project to chance. UNIRAC has the financial strength to back our products and reduce your risk. Have peace of mind knowing you are receiving products of exceptional quality. STRONGHOLD™ products are covered by a twenty five (25) year limited product warranty.

CONTRACTOR

SOLARTYME BY AAPCO
6710 JEFFERSON DAVIS HWY
RICHMOND, VIRGINIA 23237
PHONE - (804) 271-2500
LIC. NO. - 2705036452

PROJECT NAME & ADDRESS
ALBERTO VELEZ
54 BANEERRY PLACE,
BROADWAY, NC 27505

AHJ: HARNETT COUNTY
UTILITY: DUKE ENERGY
PROGRESS

SYSTEM DETAILS
10, 120 KW (DC+STC) / 8,740 KW AC
(23) HYBRID (HIN+HOUT+BP)
(1) PV INVERTER: SMA 15000TL
(1) PVWCELL: 2-APR50075 W / (4) 3.0 MWH
DCB BATTERY

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE INSTALLATION RESOURCE

DRAWN DATE	10/13/2025
DRAWN BY	VHN

SHEET NUMBER

R-10

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

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