



OFF-GRID DIY GUIDE

GO SOLAR: (260) 768-7336
www.WellspringSolar.com

Wellspring
COMPONENTS, LLC



Why Choose **Wellspring**?

Wellspring is a leader in the solar energy field, offering the latest in solar system technology. With over 25 years of experience in the renewable energy market, we apply our expertise to Grid-Tie, Off-Grid, Hybrid, and Mobile solar applications. We are also a complete solution handling design, installation and maintenance in-house. Our panels come with a 25+ year warranty to ensure that you receive all the benefits your system offers. Our team is committed to your long term success.

25+ Years Providing Michiana's Best Solar Solutions

Family Owned And Operated

Custom In-House Design, Installation, and Maintenance

6 Year Workmanship Warranty

NABCEP Associate Certified

Insured

60+ YEARS OF COMBINED EXPERIENCE

2,000+ SYSTEMS INSTALLED

13,000+ PANELS INSTALLED



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ANATOMY OF A SOLAR SYSTEM



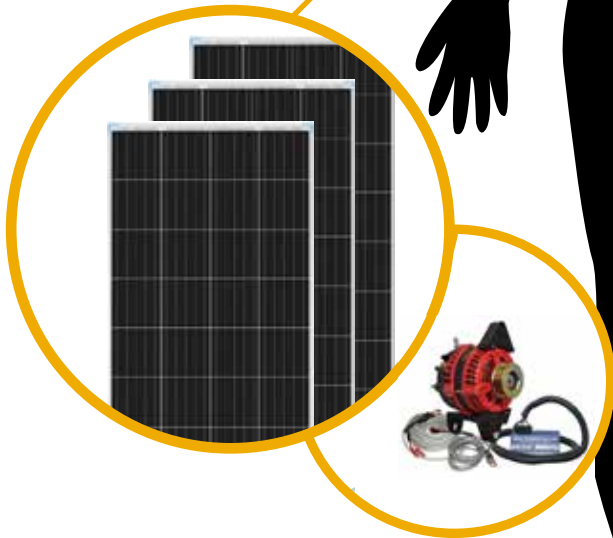
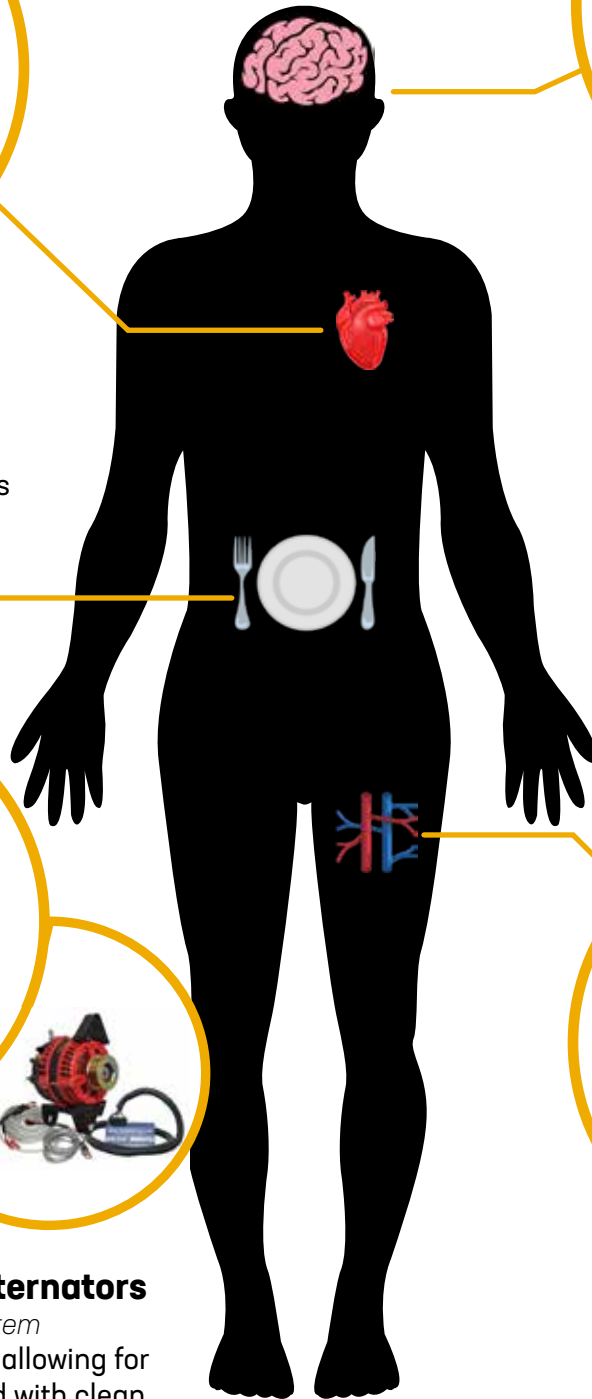
Batteries

*The **Heart** of the System*
Without them you will have no way to store and circulate power produced by solar panels



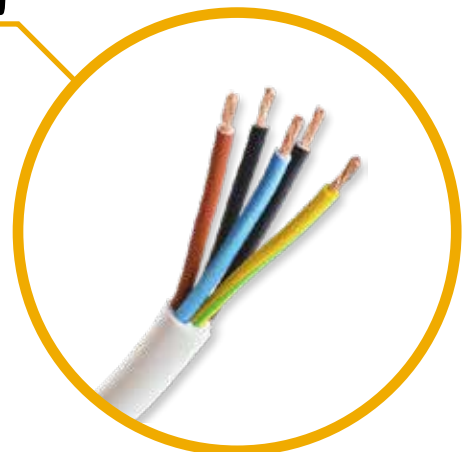
Inverters

*The **Brain** of the System*
Controls the charging and discharging of your batteries to allow for ultimate performance



Solar Panels and Alternators

*The **Nutrition** for the System*
Collects the energy from the sun allowing for your energy needs to be supplied with clean electricity



Wires

*The **Veins** of the System*
The transportation method to move power between system components

SOL-ALL PRODUCTS



Inverter/Charger
6500 Watt
Item#INV5011

Solar Panels
200W Panel
Item#SOL2504



Waterproof junction box



IP67 Waterproof Connectors



Charge Controller
30 Amp MPPT
Item#SOL6025B



Charge Controller
60 Amp MPPT
Item#SOL6025D

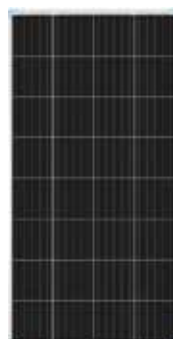


Charge Controller
30 Amp PWM
Item#SOL6024

CROSSROADS SOLAR

Crossroads Solar Panels

- Built in South Bend, Indiana.
- 25-year performance warranty
- 10-year product warranty.



220W
Item#SOL2505



325W
Item#SOL2509



380W
Item#SOL2509-D

BATTERIES



100 AH
Item#Lith705



120 AH
Item#Lith7006

360 AH
Item#Lith7007



200AH 24V
Item#Lith8650



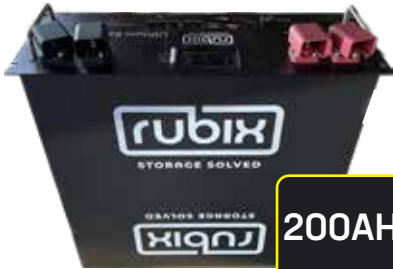
100AH 48V
Item#Lith8651



200AH 48V
Item#Lith8652



100AH 48V
Item#Lith8606



200AH 24V
Item#Lith8607

INVERTERS

COTEK



SL-2000
Bi-directional
inverter/charger
Item#INV8000



SL-3000
Bi-directional
inverter/charger
Item#INV8001



SD 1500
Inverter
Item#INV7060



SD 2500
Inverter
Item#INV7080

Sol-Ark

LIMITLESS SOLAR POWER



5K
Bi-directional
inverter/charger
Item#INV3511-5k



8K
Bi-directional
inverter/charger
Item#INV3510



12K
Bi-directional
inverter/charger
Item#INV3511



15K
Bi-directional
inverter/charger
Item#INV3511-15K

INVERTERS



200
Barcelona
Charge Controller
Item#MID6002



8K
Bi-directional
inverter/charger
Item#MID6000



150
Charge Controller
Item#SOL2567A



200
Charge Controller
Item#SOL2568A



250
Charge Controller
Item#SOL2569A



3K
Bi-directional
inverter/charger
Item#INV5000-kit



VICTRON PRODUCTS



Victron Equipment

- Touch screen displays for monitoring
- Smart, efficient, reliable inverters
- New slim design with full metal casing.
- Bluetooth is built-in
- Configure alarms, voltage cut-off, output voltage, frequency, eco-mode and more.



Cerbo GX
Item#INV6015A



100 Amp
Charge Controller
Item#INV6014



Shunt
Item#INV6024



50 Amp
Charge Controller
Item#INV6013



2000W
12V inverter
Item#INV6001



3000W
12V inverter
Item#INV6003



30 Amp
Charge Controller
Item#INV6012



5" Display
Touch Screen
Monitoring
Item#INV6016



5000W
24V inverter
Item#INV6004



5000W
48V inverter
Item#INV6005

INFORMATIONAL

FINANCING OPTION



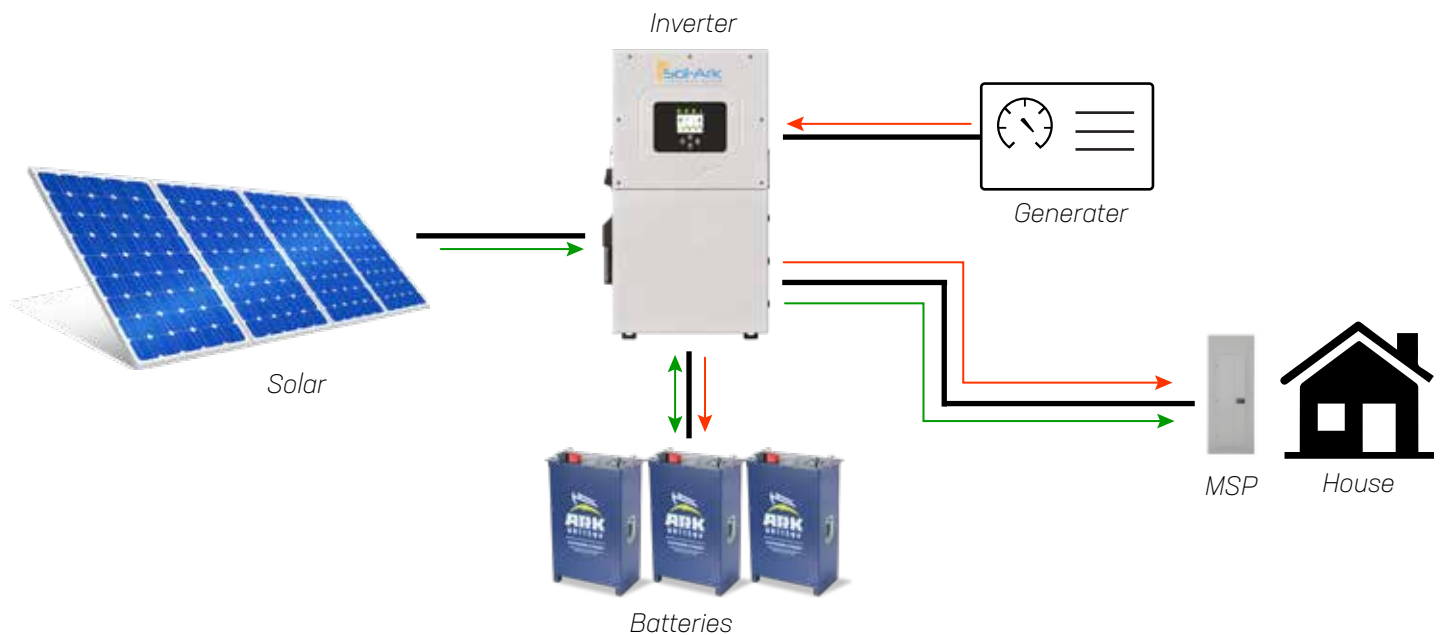
Roof Mount



Ground Mount



FLOW OF ENERGY



INSTALL YOUR OWN ENERGY SYSTEM

7 STEPS

1. Select Your Loads

2. Chose Your System

3. Verify With Technician

4. Order & Ship

5. Install Your System

6. Power On

7. Relax and Drink Lemonade

WHAT OUR PACKAGES INCLUDE

- All Required Components
- Proven Design
- Pre-wired for Easy Self Installation
- Expandable



SIZE YOUR SYSTEM

Loads	Hours Used/Week	Power Usage (Kwhr)	Power Draw
Maytag Wringer Washer	6	1.68	650
Spinner	4	0.75	300
Washer	8	2.5	528
Gas Dryer	8	5	1500
Refrigerator	Energy Efficient	3.75	180
Freezer	Energy Efficient	4.62	210
Fax Machine		0.25	60
Copier/Printer		0.75	150
Circulating Pump		1.25	36
Dehumidifier	42	5.5	300
Mini Split A/C Unit		21	780
Cordless Battery Charger	1 Battery per Day	0.5	130
Furnace Fan	56	21	700
120Volt 1/2 HP Submersible Well Pump	6	3.5	1320
Sewing Machine		0.5	150
Electric Iron	2	1.25	1175
Vaccum		0.75	550
Navien Water Heater		0.75	150
Mound System Pump	2	1	875
1/3 HP Sump Pump	2	0.75	600
24" Regular pedistal fan	45	1.5	75
Total			
		Power Score	Power Draw

Compare your Total Power Score to the Power Score of each package to determine which package fits your needs

Compare your Total Power Draw to the Capacity of the Package, The Package Capacity has to be greater than or equal to your Power Draw

BATTERY CHARGING KITS

50 Watt Kit Item#SOL8005

- A. 1pc 50 Watt Solar Panel
- B. 30 Amp PWM Solar Controller
- C. 30' Wire Harness
- D. Mounting



D.

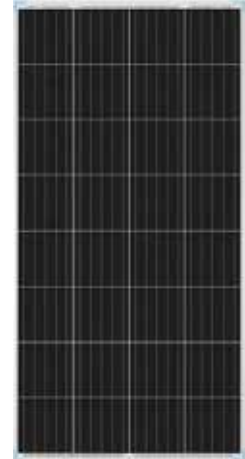


C.



B.

A.

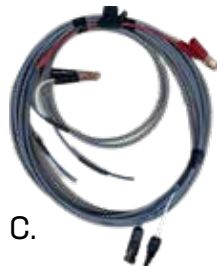


100 Watt Kit Item#SOL8006

- A. 1pc 100 Watt Solar Panel
- B. 30 Amp PWM Solar Controller
- C. 30' Wire Harness
- D. Mounting



D.

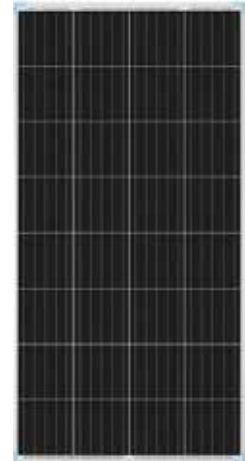


C.



B.

A.

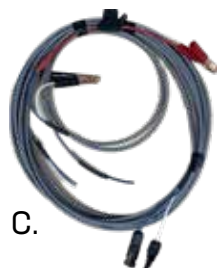


200 Watt Kit Item#SOL8007

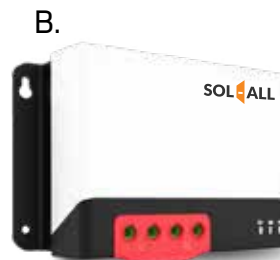
- A. 1pc 200 Watt Solar Panel
- B. 30 Amp MPPT Solar Controller
- C. 30' Wire Harness
- D. Mounting



D.

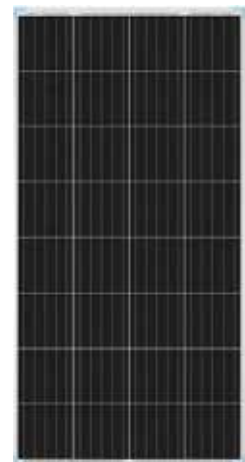


C.



B.

A.



CABIN PACKAGE

2000W 12V System

Item#SOL9018

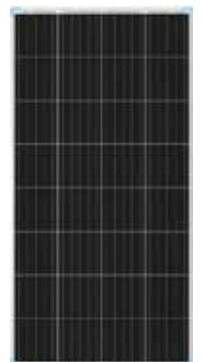
- A. 2pc 200 Watt Solar Panels
- B. Mounting
- C. All Wiring & Fuses
- D. Cotek 2000W Inverter/Charger
- E. SOL-ALL 60A MPPT Controller
- F. Epion 360AH Lithium Battery
- G. Pre-wired Plug & Play



Expansion Options

*Above System Can Be Expanded Without Changing Components

- 2 pc 200 Watt Solar Panel
- 2 pc 12V 360AH Battery



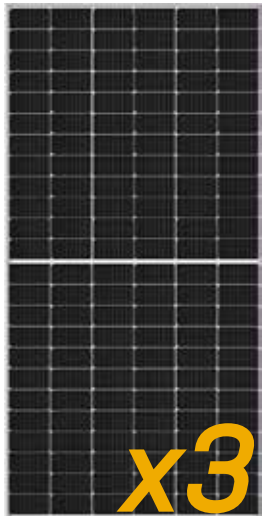
COTTAGE PACKAGE

Capacity
3000
Power Score
16-28

3000W 24V System

Item#SOL9019

- A. 3pc 450 Watt Solar Panels
- B. Roof Mounting System
- C. Wiring & Fuses
- D. 2pc Rubix Batteries
- E. 3000W Hybrid Inverter/Charger/Controller
- F. Pre-wired Plug & Play



A.



E.



B.



C.

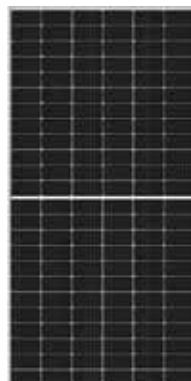


D.

Expansion Options

*Above System Can Be Expanded Without Changing Components

- 1pc 450W Panel
- 2pc Rubix Batteries



Most Popular

HOMESTEADER PACKAGE

Capacity
6500
Power Score
29-40

6500W 48V System

Item#SOL9020

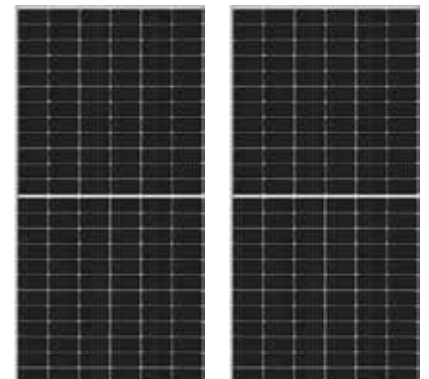
- A. 6pc 450 Watt Solar Panels
- B. Mounting System
- C. Wiring & Fuses
- D. SOL-ALL 6500W Inverter/Charger
- E. Rubix Lithium Battery
- F. Pre-wired Plug & Play



Expansion Options

*Above System Can Be Expanded Without Changing Components

- 2 pc 450 Watt Solar Panels
- 3 pc Rubix Batteries





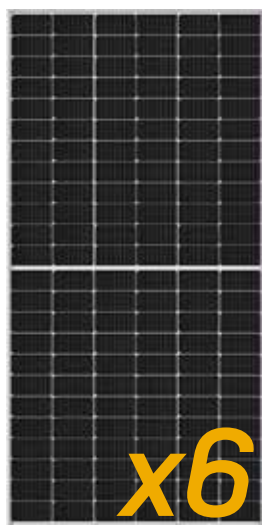
SILVER PACKAGE

Capacity
5000
Power Score
41-57

5000W 48V System

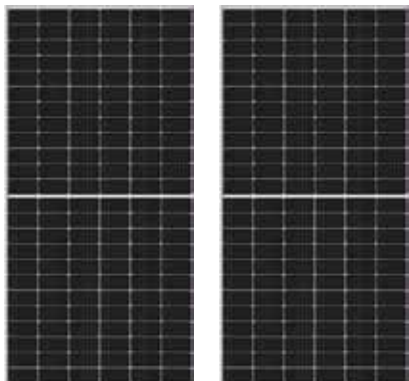
Item#SOL9021

- A. 6pc 450 Watt Solar Panels
- B. 100 Amp MPPT Solar Controller(Victron)
- C. Wiring & Fuses
- D. Mounting
- E. Victron 5000 Watt inverter/Charger 48V
- F. Victron Cerbo
- G. Victron 5' Touch Display
- H. 4pc ARK 100AH 48V Batteries
- I. Pre-wired Plug & Play



Expansion Options *Above System Can Be Expanded Without Changing Components

- 2pc 450W Solar Panels
- 3pc ARK Batteries





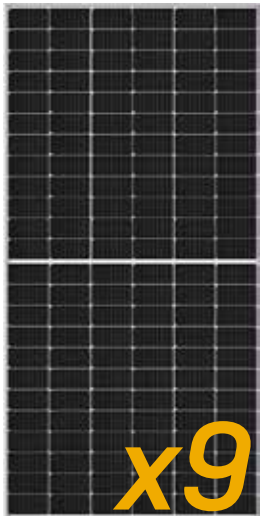
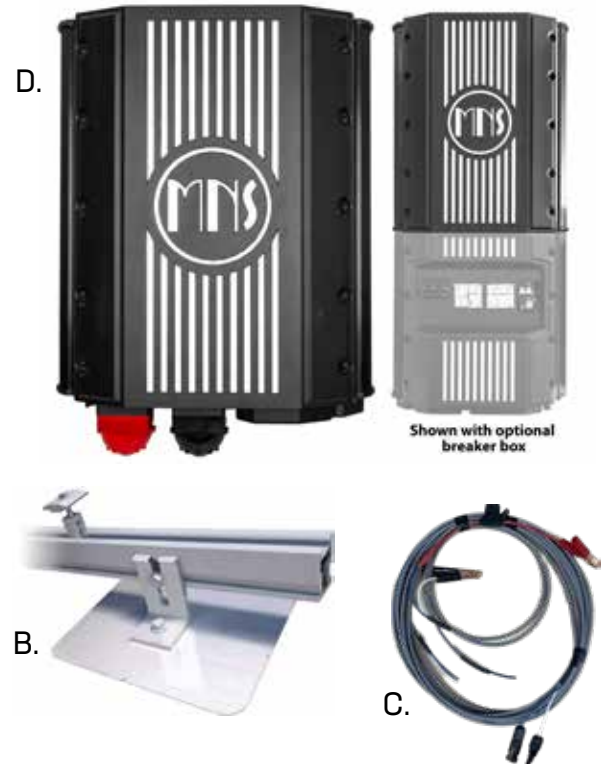
GOLD PACKAGE

Capacity
8000
Power Score
58-72

8000W 48V System

Item#SOL9022

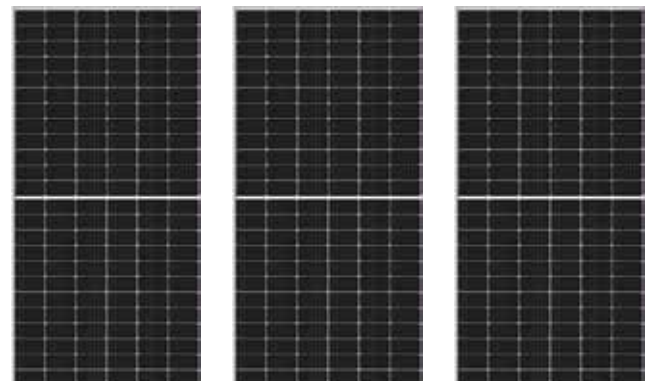
- A. 9pc 450 Watt Solar Panels
- B. Mounting System
- C. Wiring & Fuses
- D. Midnight Rosie 8000W Inverter/Charger
- E. 5pc ARK 48V 100A Batteries
- F. Barcelona Charge Controller
- G. Pre-wired Plug & Play



Expansion Options

*Above System Can Be Expanded Without Changing Components

- 3pc 450 Watt Solar Panel
- 4pc ARK Batteries





PLATINUM PACKAGE

Capacity
12000
Power Score
73-86

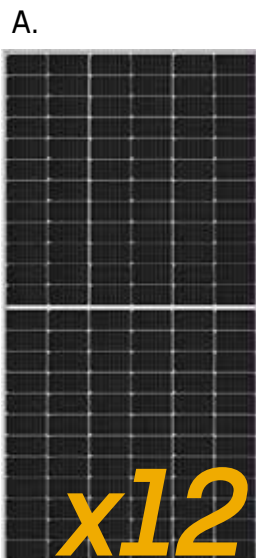
12000W 48V System

Item#SOL9023

- A. 12pc 450 Watt Solar Panel
- B. Mounting Rail
- C. Wiring & Fuses
- D. Sol-Ark 15k Inverter
- E. 6pc ARK 48V 100AH Batteries
- F. Pre-wired Plug & Play



D.



A.



E.



C.



B.

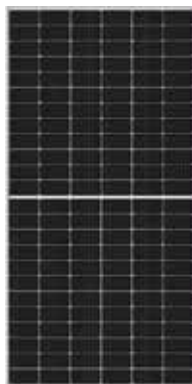
Expansion Options

*Above System Can Be Expanded Without Changing Components

- 16pc 450W Solar Panels
- 10pc ARK Batteries



x10



x20



Wellspring

COMPONENTS, LLC



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269-275-8463

3 LOCATIONS SERVICING MOST OF
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