

Matrix Energy cottage kits are designed to provide optimum performance based on your clients described usage. Inverters, Panels and battery size are all matched and sized for optimal performance. This means fewer service calls, less customer education, and happier customers telling their friends about what a great job you did setting up their system.

There are lots of kits out there, but none offer the benefits of a Matrix Energy cottage package.

Cottage Package 1, 2 & 3

Designed for usage May to August. Weekend (2 days) use only. With a planned one day of autonomy and daily consumption of between 1500 – 2400 watts.



Cottage Package 4 & 5

Designed for *light usage* February to October. Weekend (2 days) use only. Designed daily consumption of 1500 to 2400 watts and 2 days of autonomy.



Cottage Package 6 & 7

Designed for those who have a little heavier loads or are planning to use their cottage for weeks at a time and require more autonomy in the event of inclement weather. These kits are also capable of extending the season further into the fall.



Don't go it alone. We can help size your cottage kit in a matter of minutes base on a few simple question and answers supplied by your customer. Call us for help sizing your next kit.

Cottage Package 1

Matrix Part #	Description	Qty
08-49-014	2.0 KW, 12 V, MAGNUM E-PANEL, ALUM, WHITE	1
13-04-021	135 WATT, KYOCERA SOLAR MODULE (2)	1
16-64-003	MC MALE/FEMALE OUTPUT CABLE, 6 M	1
03-77-001	COMBINER BOX, 3 x 150 VDC, or 2 x 600 VDC	1
08-53-095	PV BREAKER - 15 AMP 150 VDC – 0.5" WIDE (SEE 03-77-044)	1
04-69-001	MPPT CONTROLLER, FLUSH MOUNT, 25 A, 12/24 V	1
01-14-026	240 AHR DEEP CYCLE BATTERIES - 6V	2
16-62-001	BATTERY INTECONNECT #4, 10 IN	1
03-11-002	LIGHTNING ARRESTOR-DC	1
03-11-001		1
Options		
11-46-092	1 MOD SIDE POLE MOUNT KD135GX	1
08-53-166	FM80 ADD-ON TO POWEROARDS OR EPANELS	1

Cottage Package 2

Matrix Part #	Description	Qty
08-49-015	2.8 KW, 12 V, MAGNUM E-PANEL, ALUM, WHITE	1
13-04-021	135 WATT, KYOCERA SOLAR MODULE (2)	2
16-64-003	MC MALE/FEMALE OUTPUT CABLE, 6 M	2
03-77-001	COMBINER BOX, 3 x 150 VDC, or 2 x 600 VDC	1
08-53-095	PV BREAKER - 15 AMP 150 VDC – 0.5" WIDE (SEE 03-77-044)	2
04-69-001	MPPT CONTROLLER, FLUSH MOUNT, 25 A, 12/24 V	1
01-14-026	240 AHR DEEP CYCLE BATTERIES - 6V	2
16-62-001	BATTERY INTECONNECT #4, 10 IN	1
03-11-002	LIGHTNING ARRESTOR-DC	1
03-11-001	SINGLE PHASE, 300 VAC LIGHTNING ARRESTOR	1
Options		
11-46-099	2 MOD SIDE POLE MOUNT KC130T	1
08-53-166	FM80 ADD-ON TO POWEROARDS OR EPANELS	1

* Other options include:

- IronRidge Roof Mounting Hardware
- Grounding Cable / Kit
- Tech Cable/ Meter/ Kit

Packages & Options are subject to site conditions. Consult your Matrix representative for more information.

Cottage Package 3

Matrix Part #	Description	Qty
08-49-015	2.8 KW, 12 V, MAGNUM E-PANEL, ALUM, WHITE	1
13-78-002	180 WATT MONOCRYSTALLINE, CSA (2)	3
16-64-003	MC MALE/FEMALE OUTPUT CABLE, 6 M	3
03-77-001	COMBINER BOX, 3 x 150 VDC, or 2 x 600 VDC	1
08-53-095	PV BREAKER - 15 AMP 150 VDC – 0.5" WIDE (SEE 03-77-044)	3
08-53-165	FM60 ADD-ON TO POWEROARDS OR EPANELS	1
01-14-027	370 AHR DEEP CYCLE BATTERIES - 6V	2
16-62-001	BATTERY INTECONNECT #4, 10 IN	1
03-11-002	LIGHTNING ARRESTOR-DC	1
03-11-001	SINGLE PHASE, 300 VAC LIGHTNING ARRESTOR	1
Options		
11-46-129	4 KD135GX TOP-OF-POLE MOUNT	1
08-53-166	FM80 ADD-ON TO POWEROARDS OR EPANELS	1

Cottage Package 4

Matrix Part #	Description	Qty
08-49-015	2.8 KW, 12 V, MAGNUM E-PANEL, ALUM, WHITE	1
13-78-002	180 WATT MONOCRYSTALLINE, CSA (2)	4
16-64-003	MC MALE/FEMALE OUTPUT CABLE, 6 M	2
03-77-001	COMBINER BOX, 3 x 150 VDC, or 2 x 600 VDC	1
08-53-095	PV BREAKER - 15 AMP 150 VDC – 0.5" WIDE (SEE 03-77-044)	2
08-53-165	FM60 ADD-ON TO POWEROARDS OR EPANELS	1
01-14-027	370 AHR DEEP CYCLE BATTERIES - 6V	2
16-62-001	BATTERY INTECONNECT #4, 10 IN	1
03-11-002	LIGHTNING ARRESTOR-DC	1
03-11-001	SINGLE PHASE, 300 VAC LIGHTNING ARRESTOR	1
Options		
11-46-163	4 SU/SW160-175 TOP-OF-POLE MOUNT	1
08-53-166	FM80 ADD-ON TO POWEROARDS OR EPANELS	1

* Other options include:

- IronRidge Roof Mounting Hardware
- Grounding Cable / Kit
- Tech Cable/ Meter/ Kit

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Cottage Package 5

Matrix Part #	Description	Qty
08-49-015	2.8 KW, 12 V, MAGNUM E-PANEL, ALUM, WHITE	1
13-78-002	180 WATT MONOCRYSTALLINE, CSA (2)	4
16-64-003	MC MALE/FEMALE OUTPUT CABLE, 6 M	2
03-77-001	COMBINER BOX, 3 x 150 VDC, or 2 x 600 VDC	1
08-53-095	PV BREAKER - 15 AMP 150 VDC – 0.5" WIDE (SEE 03-77-044)	2
08-53-165	FM60 ADD-ON TO POWERBOARDS OR EPANELS	1
01-14-027	370 AHR DEEP CYCLE BATTERIES - 6V	4
16-62-001	BATTERY INTECONNECT #4, 10 IN	4
03-11-002	LIGHTNING ARRESTOR-DC	1
03-11-001	SINGLE PHASE, 300 VAC LIGHTNING ARRESTOR	1
Options		
11-46-163	4 SU/SW160-175 TOP-OF-POLE MOUNT	1
08-53-166	FM80 ADD-ON TO POWERBOARDS OR EPANELS	1

Cottage Package 6

Matrix Part #	Description	Qty
08-49-016	4.0 KW, 24 V, MAGNUM E-PANEL, ALUM, WHITE	1
13-78-002	180 WATT MONOCRYSTALLINE, CSA (2)	6
16-64-003	MC MALE/FEMALE OUTPUT CABLE, 6 M	3
03-77-001	COMBINER BOX, 3 x 150 VDC, or 2 x 600 VDC	1
08-53-095	PV BREAKER - 15 AMP 150 VDC – 0.5" WIDE (SEE 03-77-044)	3
08-53-165	FM60 ADD-ON TO POWERBOARDS OR EPANELS	1
01-14-027	370 AHR DEEP CYCLE BATTERIES - 6V	4
16-62-001	BATTERY INTECONNECT #4, 10 IN	3
03-11-002	LIGHTNING ARRESTOR-DC	1
03-11-001	SINGLE PHASE, 300 VAC LIGHTNING ARRESTOR	1
Options		
11-46-145	8 KD135GX TOP-OF-POLE MOUNT	1
08-53-166	FM80 ADD-ON TO POWERBOARDS OR EPANELS	1
08-80-004	4000 W, 24 V INVERTER W/105 A PFC CHARGER, 120/240 VAC	1

* Other options include:

- IronRidge Roof Mounting Hardware
- Grounding Cable / Kit
- Tech Cable/ Meter/ Kit

Packages & Options are subject to site conditions. Consult your Matrix representative for more information.

Cottage Package 7

Matrix Part #	Description	Qty
13-78-002	180 WATT MONOCRYSTALLINE, CSA (2)	1
16-64-003	MC MALE/FEMALE OUTPUT CABLE, 6 M	8
08-53-122	PV COMBINER ENCLOSURE – HOLDS UP TO EIGHT 150 VDC BREAKERS OR SIX 600 VDC FUSE HOLDERS (EXCL)	3
08-53-095	PV BREAKER - 15 AMP 150 VDC – 0.5" WIDE (SEE 03-77-044)	1
08-53-165	FM60 ADD-ON TO POWEROARDS OR EPANELS	4
01-14-027	370 AHR DEEP CYCLE BATTERIES - 6V	1
16-62-001	BATTERY INTECONNECT #4, 10 IN	8
03-11-002	LIGHTNING ARRESTOR-DC	6
03-11-001	SINGLE PHASE, 300 VAC LIGHTNING ARRESTOR	1

Options

11-46-152	FM80 ADD-ON TO POWEROARDS OR EPANELS	1
08-53-166	4000 W, 24 V INVERTER W/105 A PFC CHARGER, 120/240 VAC	1
08-80-004	4000 W, 24 V INVERTER W/105 A PFC CHARGER, 120/240 VAC	1



* Other options include:

- IronRidge Roof Mounting Hardware
- Grounding Cable / Kit
- Tech Cable/ Meter/ Kit

Packages & Options are subject to site conditions. Consult your Matrix representative for more information.