

# Off-Grid Package Component Overview

## Off-Grid Solar Kit 1 – 1kWdc SKU 5700153

Component	Amount	Type
Solar Module	3	Qcells, Q.Peak DUO BLK-L-G6+, min 335W or larger
Charge Controller	1	Schneider Conext MPPT60-150, 861-0301
DC Breaker	1	Schneider Conext DC breaker 80A, 125Vdc
DC PV Combiner	1	Midnite MNPV6
DC Breaker	1	Midnite MNEPV15
PV Wire	15m	RPVU90, AWG10, 2000V, red
PV Wire	15m	RPVU90, AWG10, 2000V, black
PV Connector <sup>1</sup>	1	Multi-Contact MC4 PV-KBT4/6I
PV Connector <sup>1</sup>	1	Multi-Contact MC4 PV-KST4/6I
Racking <sup>3</sup>	8	Schletter FixRL Kit mounting feet (Al and Stainless Steel)
Racking <sup>3</sup>	8	Schletter Module Clamp 35mm (grounding)
DC Wire <sup>2</sup>	1	Wiring for MPPT controller connection AWG4



<sup>1</sup> MC4 connectors are pre-crimped on 15m of wire each. No special tools required onsite.

<sup>2</sup> DC wire AWG4 between charge controller and DC cabinet is included. The DC homerun between the location of the combiner box and the charge controller depends on site specific distance and is NOT included in this package. For outdoor installations, we recommend TECK90 or RW90 in conduit. This can be purchased locally at a local electrical distributor or a Home Improvement store.

<sup>3</sup> Schletter FixRL universal mounts can be used in a wide variety of installations. From installations on asphalt shingles to residential sheet-metal to directly mounted on a custom wood substructure (e.g. ground mounted) it is easily customizable to most cottage and tiny home applications. Contact us if you require assistance for a custom solution.

# Off-Grid Package Component Overview

Off-Grid Solar Kit 2 – 2kWdc  
SKU 5700154

Component	Amount	Type
Solar Module	6	Qcells, Q.Peak DUO BLK-L-G6+, min 335W or larger
Charge Controller	1	Schneider Conext MPPT60-150, 861-0301
DC Breaker	1	Schneider Conext DC breaker 80A, 125Vdc
DC PV Combiner	1	Midnite MNPV6
DC Breaker	2	Midnite MNEPV15
PV Wire	2x15m	RPVU90, AWG10, 2000V, red
PV Wire	2x15m	RPVU90, AWG10, 2000V, black
PV Connector <sup>1</sup>	2	Multi-Contact MC4 PV-KBT4/6I
PV Connector <sup>1</sup>	2	Multi-Contact MC4 PV-KST4/6I
Racking <sup>3</sup>	16	Schletter FixRL Kit mounting feet (Al and Stainless Steel)
Racking <sup>3</sup>	16	Schletter Module Clamp 35mm (grounding)
DC Wire <sup>2</sup>	1	Wiring for MPPT controller connection AWG4



<sup>1</sup> MC4 connectors are pre-crimped on 15m of wire each. No special tools required onsite.

<sup>2</sup> DC wire AWG4 between charge controller and DC cabinet is included. The DC homerun between the location of the combiner box and the charge controller depends on site specific distance and is NOT included in this package. For outdoor installations, we recommend TECK90 or RW90 in conduit. This can be purchased locally at a local electrical distributor or a Home Improvement store.

<sup>3</sup> Schletter FixRL universal mounts can be used in a wide variety of installations. From installations on asphalt shingles to residential sheet-metal to directly mounted on a custom wood substructure (e.g. ground mounted) it is easily customizable to most cottage and tiny home applications. Contact us if you require assistance for a custom solution.

# Off-Grid Package Component Overview

Off-Grid Solar Kit 3 – 3kWdc  
SKU 5700155

Component	Amount	Type
Solar Module	9	Qcells, Q.Peak DUO BLK-L-G6+, min 335W or larger
Charge Controller	1	Schneider Conext MPPT60-150, 861-0301
DC Breaker	1	Schneider Conext DC breaker 80A, 125Vdc
DC PV Combiner	1	Midnite MNPV6
DC Breaker	3	Midnite MNEPV15
PV Wire	3x15m	RPVU90, AWG10, 2000V, red
PV Wire	3x15m	RPVU90, AWG10, 2000V, black
PV Connector <sup>1</sup>	3	Multi-Contact MC4 PV-KBT4/6I
PV Connector <sup>1</sup>	3	Multi-Contact MC4 PV-KST4/6I
Racking <sup>3</sup>	24	Schletter FixRL Kit mounting feet (Al and Stainless Steel)
Racking <sup>3</sup>	24	Schletter Module Clamp 35mm (grounding)
DC Wire <sup>2</sup>	1	Wiring for MPPT controller connection AWG4



<sup>1</sup> MC4 connectors are pre-crimped on 15m of wire each. No special tools required onsite.

<sup>2</sup> DC wire AWG4 between charge controller and DC cabinet is included. The DC homerun between the location of the combiner box and the charge controller depends on site specific distance and is NOT included in this package. For outdoor installations, we recommend TECK90 or RW90 in conduit. This can be purchased locally at a local electrical distributor or a Home Improvement store.

<sup>3</sup> Schletter FixRL universal mounts can be used in a wide variety of installations. From installations on asphalt shingles to residential sheet-metal to directly mounted on a custom wood substructure (e.g. ground mounted) it is easily customizable to most cottage and tiny home applications. Contact us if you require assistance for a custom solution.

# Off-Grid Package Component Overview

Off-Grid Solar Kit 4 – 4kWdc  
SKU 5700156

Component	Amount	Type
Solar Module	12	Qcells, Q.Peak DUO BLK-L-G6+, min 335W or larger
Charge Controller	1	Schneider Conext MPPT60-150, 861-0301
DC Breaker	1	Schneider Conext DC breaker 80A, 125Vdc
DC PV Combiner	1	Midnite MNPV6
DC Breaker	4	Midnite MNEPV15
PV Wire	4x15m	RPVU90, AWG10, 2000V, red
PV Wire	4x15m	RPVU90, AWG10, 2000V, black
PV Connector <sup>1</sup>	4	Multi-Contact MC4 PV-KBT4/6I
PV Connector <sup>1</sup>	4	Multi-Contact MC4 PV-KST4/6I
Racking <sup>3</sup>	32	Schletter FixRL Kit mounting feet (Al and Stainless Steel)
Racking <sup>3</sup>	32	Schletter Module Clamp 35mm (grounding)
DC Wire <sup>2</sup>	1	Wiring for MPPT controller connection AWG4



<sup>1</sup> MC4 connectors are pre-crimped on 15m of wire each. No special tools required onsite.

<sup>2</sup> DC wire AWG4 between charge controller and DC cabinet is included. The DC homerun between the location of the combiner box and the charge controller depends on site specific distance and is NOT included in this package. For outdoor installations, we recommend TECK90 or RW90 in conduit. This can be purchased locally at a local electrical distributor or a Home Improvement store.

<sup>3</sup> Schletter FixRL universal mounts can be used in a wide variety of installations. From installations on asphalt shingles to residential sheet-metal to directly mounted on a custom wood substructure (e.g. ground mounted) it is easily customizable to most cottage and tiny home applications. Contact us if you require assistance for a custom solution.

# Off-Grid Package Component Overview

Off-Grid Solar Kit 5 – 8.5kWdc  
SKU 5700157

Component	Amount	Type
Solar Module	20	Qcells, Q.Peak DUO L-G8.3, min 425W or larger
Charge Controller	1	Schneider Conext MPPT100-600, 865-1034
DC Breaker	1	Schneider Conext DC breaker 125A, 125Vdc
DC PV Combiner	1	Midnite MNPV6
DC Breaker	2	Mersen USM1 Fingersafe Fuseholder
DC Fuse	2	Mersen 15A Fuse HP10M15
PV Wire	2x15m	RPVU90, AWG10, 2000V, red
PV Wire	2x15m	RPVU90, AWG10, 2000V, black
PV Connector <sup>1</sup>	2	Multi-Contact MC4 PV-KBT4/6I
PV Connector <sup>1</sup>	2	Multi-Contact MC4 PV-KST4/6I
Racking <sup>3</sup>	44	Schletter FixRL Kit mounting feet (Al and Stainless Steel)
Racking <sup>3</sup>	44	Schletter Module Clamp 35mm (grounding)
DC Wire <sup>2</sup>	1	Wiring for MPPT controller connection AWG2



<sup>1</sup> MC4 connectors are pre-crimped on 15m of wire each. No special tools required onsite.

<sup>2</sup> DC wire AWG2 between charge controller and DC cabinet is included. The DC homerun between the location of the combiner box and the charge controller depends on site specific distance and is NOT included in this package. For outdoor installations, we recommend TECK90 or RW90 in conduit. This can be purchased locally at a local electrical distributor or a Home Improvement store.

<sup>3</sup> Schletter FixRL universal mounts can be used in a wide variety of installations. From installations on asphalt shingles to residential sheet-metal to directly mounted on a custom wood substructure (e.g. ground mounted) it is easily customizable to most cottage and tiny home applications. Contact us if you require assistance for a custom solution.