

# SOLARFLEX™ EXPANSION POSSIBILITIES

## SOLAR FLEX READY

### SOLARFLEX 220 (SF220):

1. Add **Zamp Solar Portable Charging Panels** to the pre-wired port.\*
2. Install 1-2 **Future Solutions 220w roof panels** (KRV Part #715053) and CS2 solar cable splitters if needed.
3. Install **30A Charge Controller** (KRV Part #715047) in the charge controller prep location with **PV Disconnect** (KRV Part #697201).

*When installing a Solar Charge Controller, 10 AWG wires for the charge controller to the batteries must be installed. Source the battery wires/ cables locally. Models with 12V TT/ FW breaker box will have the 30A Solar Charge breaker. Models without will require a 30A Breaker/ Over Current Protection Device (OCPD) for the installed solar controller.*

4. Install **2000w Inverter** (Recommended) in inverted prep circuit -- **Xantrex** (KRV Part #653865) or **Magnum** (KRV Part #686127).
  5. Install **Victron SmartShunt Battery Monitor 500A 50mV** (KRV Part #679080).
- *SolarFlex supports a maximum of 30A PV Current solar array per roofport. Note: Some models may be limited to (2) solar panels per roof port based on floor plan.*

## SOLAR FLEX PROTECT

### SOLARFLEX 220 (SF220):

1. Add **Zamp Solar Portable Solar Charging Panels** to the pre-wired port.\*
  2. Install a second **Future Solutions 220w roof panel** (KRV Part #715053) and CS2 solar cable splitters.
  3. Install **2000w Inverter** in inverted prep circuit.
    - **Xantrex** (KRV Part #653865) or **Magnum** (KRV Part #686127) are the recommended inverters.
  4. Install **Victron SmartShunt Battery Monitor 500A/50mV** (KRV Part #679080)
- *SolarFlex supports a maximum of 30A PV Current solar array per roofport. Note: Some models may be limited to (2) solar panels per roof port based on floor plan.*

## SOLAR FLEX DISCOVER

### SOLARFLEX 440i (SF440i):

1. Connect **Zamp Portable Solar Panel** to pre-wired port.\*
2. Install 1-2 additional **Future Solutions 220w roof panels** (KRV Part #715053). And add a **30A Solar Charge Controller** (KRV Part #715047) in the charge controller prep location with **PV Disconnect** (KRV Part #697201).
  - *When installing a Solar Charge Controller, 10 AWG wires for the charge controller to the batteries must be installed. Source the battery wires/ cables locally. Models with 12V TT/ FW breaker box will have the 30A Solar Charge breaker. Models without will require a 30A Breaker/ Over Current Protection Device (OCPD) for additional solar controller.*
3. Add 100Ah **Dragonfly Energy™ Lithium-ion Heated Battery** (KRV Part #693030) - Available exclusively through authorized Keystone RV Dealers.
4. Add a second inverter that is large enough to provide power for the A/C unit to the pre-wired A/C loop.. **Xantrex** (KRV Part #653865) or **Magnum** (KRV Part #686127). In many cases, the A/C that comes with your RV can be used when equipped with a **Micro-Air Soft Sart, Soft Start RV**, or similar component.

# SOLARFLEX™ EXPANSION POSSIBILITIES

## SOLAR FLEX **OUTLAST**

### SOLARFLEX 660i-L (SF660i-L):

1. Connect **Zamp Portable Solar Panel** to pre-wired port.\*
2. Install 1-3 additional **Future Solutions 220w roof panels** (KRV Part #715053). And add a **50A Solar Charge Controller** (KRV Part #679078) to the second charge controller prep with **PV Disconnect** (KRV Part #697201)
3. Install a second 270A-h **Dragonfly Energy™ Lithium-ion Heated Battery** (KRV Part #693031) and parallel kit. Available exclusively through authorized Keystone RV Dealers.

## SOLAR FLEX **EXTREME OUTLAST**

### SOLARFLEX 1320i-L (SF1320i-L):

1. Connect **Zamp Portable Solar Panels** to the pre-wired port.\*
2. Install additional **Dragonfly Energy™ Lithium-ion Heated Batteries** (KRV Part #693031)

\*This requires an aftermarket purchase of a solar panel kit with a solar charge controller.

#### IMPORTANT NOTES

**Solar panels (in the same array) – must be same capacity and brand. More than one solar array may be hooked to the battery bank if each array uses a separate controller.**

**Batteries - must be the same size, age, and brand. DO NOT hook up lead-acid and lithium together.**



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