

Table 2 List of Parts Included in **UPSUI5200-2** Integrated Installation Package

Item	Qty	Description
1	40	Kyocera KC-130GT PV Modules
2	1	Package UV resistant wire ties
3	40	Lay-In Ground Lugs with SS set screws and mounting hardware
4	1	Module Mounting Rail Set (See details for region)
5	2	Tube 50-year Weather Sealant
6	6	6x6x4-inch PVC W/P Junction Box
7	2	3-pole UL-listed terminal strips for JB's
8	4	5-pole UL-listed terminal strip for JB
9	12	Cord connectors (1/2" KO, 8 2-hole & 4 1-hole)
10	1	Outback PSPV Combiner Box with 2 negative buses
11	8	1P 15A dc breakers for PSPV
12	2	DC Surge Arrestor
13	1	Outback PS2DC DC Component Enclosure
14	1	2P50A DC Circuit Breaker (150V rating)
15	1	2P60A DC Circuit Breaker (150V rating)
16	1	GFDI assembly
17	2	175A DC Circuit Breaker
18	1	Set of pos, neg and ground bus
19	2	Outback MX-60 Charge Controller
20	2	Outback GVFX3648 Inverter
21	1	Outback PS2AC AC Component Enclosure
22	1	1P60A AC Breaker
23	1	Set of AC in, AC out, neutral & gnd bus
24	1	Inverters Bypass Switch
25	3	1P15A AC Breakers (plus 2-1P20A)
26	1	X-240 Autotransformer
27	1	60A visible, lockable, load break W/P sw
28	8	L-16 Maintenance Free Gel Batteries or other approved option
29	1	Set 2/0 battery cables
30	1	Set battery temperature sensors
31	1	Outback Mate System Controller + Hub 4

All other parts for the system, such as THWN-2 wire, PVC conduit, conduit fittings, straps and mounting screws are readily available from your favorite electric parts supplier.

Manufacturers' Documents Included in this System Manual

KC-130GT Module Data Sheets

Array Mount Data Sheets

PSPV Source Circuit Combiner Box Data Sheets

PS2AC & DC Component Enclosure Installation Instructions

OBDC-GFP/2 GFDI Installation Instructions

MX-60 MPPT Charge Controller Manual

GVFX3648 Inverter Instruction and Installation Manual

Battery Data Sheets