

Table 2 List of Parts Included in **UPSUI1950** Integrated Installation Package

<b>Item</b>	<b>Qty</b>	<b>Description</b>
1	15	Kyocera KC-130GT PV Modules
2	1	Package UV resistant wire ties
3	15	Lay-In Ground Lugs with SS set screws and mounting hardware
4	1	Module Mounting Rail Set (See details for region)
5	1	Tube 50-year Weather Sealant
6	2	4x4x2-inch PVC W/P Junction Boxes
7	1	6x6x4-inch PVC W/P Junction Box
8	2	2-pole UL-listed terminal strips for JB's
9	1	3-pole UL-listed terminal strip for JB
10	5	Cord connectors (1/2" KO, 3 2-hole & 2 1-hole)
11	1	Outback PSPV Combiner Box with 1 negative bus
12	3	1P 15A dc breakers for PSPV
13	1	DC Surge Arrestor
14	1	Outback PS2DC DC Component Enclosure
15	1	50A DC Circuit Breaker (Charge Cont Input)
16	1	60A DC Circuit Breaker (Charge Cont Output)
17	1	GFDI assembly
18	1	175A DC Circuit Breaker
19	1	Set of pos, neg and ground bus
20	1	Outback MX-60 Charge Controller
21	1	Outback GVFX-3648 Inverter
22	1	Outback PS2AC AC Component Enclosure
23	1	1P60A AC Breaker
24	1	Set of AC in, AC out, neutral & gnd bus
25	1	Inverter Bypass Switch
26	4	1P15A AC Breakers
27	1	60A visible, lockable, load break W/P sw
28	8	Concorde PVX-1080T Sealed LA Batteries or approved alternates
29	1	Set 2/0 battery cables (2 8-ft & 8 13-inch)
30	1	Hub 4, Mate, PS2MP, battery temperature sensors (optional)

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

FX-3648 Inverter Installation, Operation and Maintenance Manual

Concorde PVX-1080T Battery Data Sheets