

Table 2 List of Parts Included in **UPSUI10000** Integrated Installation Package

Item	Qty	Description
1	80	Kyocera KC-125G PV Modules
2	1	Package UV resistant wire ties
3	80	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	12	6x6x4-inch PVC W/P Junction Box
7	4	3-pole UL-listed terminal strips for JB's
8	8	5-pole UL-listed terminal strip for JB
9	24	Cord connectors for module leads (1/2" KO, 16 2-hole & 8 1-hole)
10	2	Outback PSPV Combiner Box with 2 negative buses
11	16	1P 15A dc breakers for PSPV
12	4	DC Surge Arrestor
13	1	Outback PS4DC DC Component Enclosure
14	2	2P50A DC Circuit Breaker (150V rating)
15	2	2P60A DC Circuit Breaker (150V rating)
16	2	GFDI assembly
17	2	175A DC Circuit Breaker
18	2	Set of pos, neg and ground bus
19	4	Outback MX-60 Charge Controller
20	2	Xantrex SW5548 Inverter and GTI
21	1	Outback PS4AC AC Component Enclosure
22	1	2P60A AC Breaker
23	1	Set of AC in (2), AC out (2), neutral & gnd bus
24	2	Inverter Bypass Switch
25	2	1P15A AC Breakers (plus 2-1P20A)
26	1	60A visible, lockable, load break W/P sw
27	8	Concorde PVX2580T Maintenance Free AGM Batteries
28	1	Set 2/0 battery cables
29	6	Battery temperature sensors
30	2	kWh meters & enclosures (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-125G Module Data Sheets

Array Mount Data Sheets

PSPV Source Circuit Combiner Box Data Sheets

PS4AC & DC Component Enclosure Installation Instructions

OBDC-GFP/2 GFDI Installation Instructions

MX-60 MPPT Charge Controller Manual

SW5548 and GTI Instruction and Installation Manuals

PVX2580T Battery Data Sheets