

	Sol-Ark 12k	Outback Skybox 2x5BX5048	Pika X7600 + 4xS2500	SolarEdge 7600A + 32xP400	Outback Radian FPR-8048 A	Schneider XWPro6.8 + 3xMPPT80	Sonnen ECO-16 + String Inv	Tesla 2x Powerwall2 + String Inv	Sol-Ark 8k
Price	\$6,850	\$11,000	\$6,500	\$5,500	\$8,000	\$9,900	\$24,000	\$19,400	\$6,100
Solar PV Cont. Power	12 kW	2x 5.5 kW	8 kW	7.6 kW	7.7 kW	11.6 kW	12 kW	12 kW	9 kW
Inverter AC Cont. Power	9.6 kW	2x 5 kW	7.6 kW	7.6 kW	8 kW	6.8 kW	8 kW	2x 5 kW	8 kW
Inverter Batt Cont. Power	8 kW	2x 5 kW	6.7 kW	5 kW	8 kW	6.8 kW	8 kW	2x 5 kW	8 kW
Off-Grid Inverter AC Peak Power (5s)	20 kW	10 kW	12 kW	6.6 kW	12 kW	12 kW	12 kW	14 kW	20 kW
System Idle Power	60 W	280 W	--	--	76W	48 W	60 W	78 W	60 W
AC to DC Charger	185 A	200 A	6.7 kW	5 kw	114 A	140 A	115 A	n/a	185 A
User Interface	Color touch	Color touch	Text	Text	Text	Text	Color touch	None	Color touch
PV to Batt Efficiency (65%)	97.5%	81.0%	92.0%	91.0%	97.5%	96.0%	82.0%	92.5%	97.5%
AC to Batt Efficiency (65%)	96.0%	80.0%	93.0%	91.0%	85.0%	91.5%	85.0%	95.0%	96.0%
Batt to AC Efficiency (65%)	95.0%	94.5%	93.0%	88.0%	93.0%	92.5%	93.0%	95.0%	95.5%
On Grid PV to AC Efficiency (CEC)	96.0%	94.0%	95.5%	96.5%	90.2%	88.5%	97.0%	97.0%	96.5%
Off Grid TOU PV to Batt to AC Losses	7%	24%	15%	21%	10%	12%	25%	13%	7%
Grid Failure UPS Transfer Time	4 ms	20 ms	100 ms	200 ms	8 ms	8 ms	100 ms	200 ms	4 ms
Warranty	10 yr	5/10 yr	10 yr	12/20/25 yr	5/10 yr	10 yr	10 yr	10 yr	5/10 yr
Low Cost Easy Install	✓	✓	✓	✓	✗	✗	✓	✓	✓
AC Coupling to existing Inverters	✓	✓	✓	✓	✓	✓	✓	✓	✓
Parallel Stacking	✓	✓	✗	✗	✓	✓	✗	✓	✗
120/240/208 V 3 Phase	✓	✗	✓	✗	✗	✓	✗	✓	✗
Generator Support	✓	✓	✗	✗	✓	✓	✓	✗	✓
AC Load Shedding for TOU and Off Grid	✓	✓	✗	✗	✗	✗	✓	✗	✓
UL17415A/Rule 21 and 14H (Grid sell only)	✓	✓	✓	✓	✓	✓	✓	✓	✓
NEC UL1699B Arc Fault	✓	✓	✓	✓	✓	✗	✓	✓	✓