Solar Generator Comparison - Part 1 of 2

Generators are listed in order from best to worst according to the extensive research and analysis brought to you by Powered Powertable Solar.

	#1	#2	#3	#4	#5	#6	#7	#8	#9
	Point Zero TITAN	MAXOAK Bluetti AC 200	Goal Zero Yeti 3000x	Inergy Flex 1500	MAXOAK Bluetii EB240	Ecoflow Delta 1300	Lion Safari ME	Goal Zero Yeti Lithium 1400	Goal Zero Yeti Lithium 1000
BATTERY									
Capacity (Wh)	2,000	1,700	3,032	1,069	2,400	1,260	922	1,425	1,045
Voltage (V)	24	48	12	12	12	12	24	12	12
Draw Capac. (Wh)	1,500/3,000	2,000	2,000	1,500	1,000	1,800	2,000	1,500	1,500
Life Cycles	2,000	2,500	500	2,000	2,500	800	2,500	500	500
Lithium	✓	✓	✓	✓	✓	✓	✓	✓	✓
INVERTER									
Pure Sine Wave	✓	✓	✓	✓	✓	✓	✓	✓	✓
Continuous (W)	3,000	2,000	2,000	1,500	1,000	1,800	2,000	1,500	1,500
Peak (W)	6,000	4,800	3,500	3,000	1,200	3,300	4,000	3,000	3,000
SOLAR									
Input Parameter	35-145V / 30A	35-150V / 12A	14-50V / 50A	14-90V / 30A	60V / 10A	65V / 10A	30-60V / 10A	22V / 10A	22V / 10A
Max Input (W)	2,000	700	600	600	400	400	600	360/710	360/720
Max 5hr Prod (W)	10,000	3,500	3,000	3,000	3,000	3,000	3,000	1,800/3,600	1,800/3,600
Connection	Anderson PP	Aviation SA201 & XT90	Anderson PP	EC8	DC7909	XT60	Anderson PP	8mm / Anderson PP	8mm / Anderson PP
CHARGE SPEED									
Fastest Solar (hrs)	2	2.4	4.6	2	6	3.15	1.6	2	1.5
Car Charger (hrs)	11	17	✗	11	✗	10	✗	12	8
MPPT Controller	✓	✓	✓	✓	✓	✓	✓	✗	✗
OUTLETS									
30A RV	✓	✗	✗	✗	✗	✗	✗	✗	✗
110V	6	6	2	6	2	3	2	2	2
12V DC	4	2	1	2	1	1	1	1	1
USB A	6	4	2	2	4	4	2	2	2
USB C	2	1	2	2	1	2	2	2	2
PORTABILITY									
Weight (lb)	66 (31/35)	57	70	30 (14/16)	48	31	46	44	40
DEPENDABILITY									
Shelf-life until recharge	5 years	3 months	3 months	1 year	3 months	1 year	1 year	3 months	3 months
Warranty	2 year	2 year	2 year	2 year	1 year	1 year	1 year	1 year	1 year
EXPANDABILITY									
Batteries	✓	✗	✓	✓	✗	✓	✓	✓	✓
Solar Panels	✓	✗	✗	✓	✗	✗	✗	✓	✓
EXTRAS									
Multi-Charge Capability	✓	✓	✓	✗	✗	✓	✗	✓	✓
EMP Proof	Tech Protect XXL Faraday Bag	Tech Protect XXL Faraday Bag	Tech Protect XXL Faraday Bag	Tech Protect XXL Faraday Bag	Tech Protect XL Faraday Bag	Tech Protect XL Faraday Bag	Tech Protect XL Faraday Bag	Tech Protect XXL Faraday Bag	Tech Protect XL Faraday Bag
Strengths	Stackable Batteries, Expandable Solar, Large Battery Capacity	Intelligent Screen 25A 12V Plug	Yeti Link, Phone App	Stackable Battery & MPPT Auto Battery Balance	Battery Capacity Solar Input	Chain up to 6 together	Extra Fast Wall Charger Expandable Battery	Upgrade to MPPT & LINK Car Charger	Upgrade to MPPT & LINK Car Charger
Weaknesses	Weight	Weight, Expandability	Shelf Life, Cycles, Weight	Battery Capacity, Proprietary Conn	Inverter, Weight	Low Solar Input Low Cycles	Battery Capacity, Weight	Low Cycles	Low Cycles Battery Capacity
COST									
Price w/o Panels	$2,995	$1,799	$3,200	$1,500	$1,899	$1,399	$2,499	$1,899	$1,199

Solar Generator Comparison - Part 2 of 2

	#1	#10	#11	#12	#13	#14	#15	#16	#17
	Point Zero TITAN	Goal Zero Yeti Lithium 3000	MAXOAK Bluetti EB150	Inergy Apex	Jackery 1000	Renogy Lycan	Solar Geni 6000	Sungzu 1000	Patriot 1800
BATTERY									
Capacity (Wh)	2,000	3,075	1,500	1,100	1,002	1,075	1,460	1,010	690
Voltage (V)	24	12	12	12	21.6	12	24	24	12
Draw Capac. (Wh)	1,500/3,000	1,500	1,000	850	1,000	1,200	3,000	1,000	--
Life Cycles	2,000	500	2,500	2,000	500	2,000	3,000	500	2,500
Lithium	✓	✓	✓	✓	✓	✓	✓	✓	✓
INVERTER									
Pure Sine Wave	✓	✓	✓	✓	✓	✓	✓	✓	✓
Continuous (W)	3,000	1,500	1,000	1,500	1,000	1,200	3,000	1,000	1,800
Peak (W)	6,000	3,000	1,200	3,000	2,000	1,200	6,000	2,000	3,048
SOLAR									
Input Parameter	35-145V / 30A	22V / 10A	65V / 10A	14-22V / 30A	12-30V / 8A	51V / 6A	24V / 10A	32-45V / 8A	16.5-32V / 8A
Max Input (W)	2,000	720	400	500	150	300	240	300	240
Max 5hr Prod (W)	10,000	3,600	3,000	2,500	750	1,500	1,200	1,500	1,200
Connection	Anderson PP	8mm / Anderson PP	DC7909	EC8	8mm / Anderson PP	Anderson PP	Anderson PP	4 Prong Aviation	Anderson PP
CHARGE SPEED									
Fastest Solar (hrs)	2	4.3	2.5	2.2	6.66	3.2	6	3.3	3
Car Charger (hrs)	11	25	✗	✗	13	18	✗	✗	✗
MPPT Controller	✓	✓	✓	✓	✓	✓	✓	✓	✓
OUTLETS									
30A RV	✓	✗	✗	✓	✗	✗	✓	✗	✗
110V	6	2	2	6	3	3	6	2	2
12V DC	4	1	1	2	1	2	1	1	1
USB A	6	2	4	2	2	4	2	4	4
USB C	2	2	1	2	2	0	1	0	0
PORTABILITY									
Weight (lb)	66 (31/35)	78	38	25	22	55	82	25	46
DEPENDABILITY									
Shelf-life until recharge	5 years	3 months	3 months	3 months	3 months	6 months	3 months	3 months	6 months
Warranty	2 year	1 year	1 year	1 year	2 Years	1 Year	Ltd. 1-3 year	1 year	1 year
EXPANDABILITY									
Batteries	✓	✓	✗	✓	✗	✓	✓	✗	✗
Solar Panels	✓	✗	✗	✗	✗	✗	✓	✗	✗
EXTRAS									
Multi-Charge Capability	✓	✓	✗	✗	✓	✗	✓	✗	✗
EMP Proof	Tech Protect XXL Faraday Bag	Tech Protect XXXL Faraday Bag	Tech Protect XL Faraday Bag	Tech Protect XL Faraday Bag	Tech Protect XL Faraday Bag	Tech Protect XXXL Faraday Bag	Tech Protect XXL Faraday Bag	Tech Protect XL Faraday Bag	Tech Protect XL Faraday Bag
Strengths	Stackable Batteries, Expandable Solar, Large Battery Capacity	Largest Standard Battery Capacity	Battery Output	Lightweight	Lightweight	Huge Company	Master Shut-Off Switch, Expandable	Lightweight	20A Anderson PP DC Port
Weaknesses	Weight	Low Cycles, Weight	Inverter, Lower Cycles	Limited Battery Draw Capacity	Inverter, Lower Cycles	Poor Inverter	Low Solar Input, Weight	Low Charge Capability	Small Battery
COST									
Price w/o Panels	$2,995	$2,999	$1,299	$1,250	$999	$1,799	$3,499	$799	$2,497