

Portable Power Station Datasheet

Premium 30 V2



Premium 50 (AC50P)



Premium 80 (AC70P)



Premium 100 V2



Premium 150 (AC180P)



Premium 200 V2



Premium 200 (AC200P L)



AC Outlets		 US/JP  EU  UK  AU  SA  CN  BR						
Battery		LiFePO ₄						
Capacity		320Wh	504Wh	864Wh	1,024Wh	1,440Wh	2,073.6Wh	2,304Wh
Expandable Capacity		/	/	/	/	/	/	7,834Wh (With 2 x B300K)
Life Cycles		3,000+	3,000+	3,000+	4,000+	3,500+	6,000+	3,500+
Output Power		600 W	700W	1,000W	2,000W	1,800W	2,700W	2,400W
Lifting Power		1,500W	1,200W	2,000W	2,700W	2,700W	4,050W	3,600W
PV Input		12V~28V,200W Max.	12V~28V,200W Max.	12V~58V,500W Max.	12V~60V,1,000W Max.	12V~60V,500W Max.	11V~60V,1,000W Max.	12V~145V,1,200W Max.
Charging Time	AC	1.3 H(380W Max.)	1.3 H(600W Max.)	1.5 H(850W Max.)	1.2 H(1,200W Max.)	1.5 H(1,440W Max.)	1.4 H(2,300W Max.)	1.5 H(2,400W Max.)
	Solar	2.2 H(200W Max.)	3 H(200W Max.)	2.2 H(500W Max.)	1.2 H(1,000W Max.)	3.3 H(500W Max.)	2.4 H(1,000W Max.)	2.8 H(1,200W Max.)
	Car	2.2 H(200W Max.)	3 H(200W Max.)	4.8 H(200W Max.)	1.8 H(560W Max.) (With Charger 1)	7.2 H(200W Max.)	4.2 H(560W Max.) (With Charger 1)	Car / Lead acid Battery : 12.5 H(200W Max.)
	Generator	1.3 H(380W Max.)	1.3 H(600W Max.)	1.5 H(850W Max.)	1.2 H(1,200W Max.)	1.5 H(1,440W Max.)	2 H(1,200W Max.)	2 H(2,000W Max.)
Total Outlets*		8	6	8	9	9	7	12
AC Outlets 220V-230V (CN/EU/UK/AU)		1	1	2	2	2	2	4
Bidirectional Inverter		✓	✓	✓	✓	✓	✓	✓
MPPT		✓	✓	✓	✓	✓	✓	✓
UPS		✓	✓	✓	✓	✓	✓	✓
App		✓	✓	✓	✓	✓	✓	✓
Weight		4.3 kg	6.9 kg	10.7 kg	11.5 kg	17.0 kg	24.2 kg	28.3 kg
Dimensions (L × W × H)		250 × 178 × 167.5 mm	280 × 200 × 220 mm	314 × 210 × 256 mm	320 × 215 × 250 mm	340 × 247 × 317 mm	350 × 250 × 323.6 mm	420 × 280 × 367 mm
Warranty		5 Years	5 Years	5 Years	5 Yearst	5 Years	5 Years	5 Years

*The number of outlets may vary based on different country's version.

Portable Power Station Datasheet

Apex 300



Elite 320



AC Outlets	 US/JP  EU  UK  AU	
Battery	LiFePO ₄	
Capacity	2,764.8Wh	3,200Wh
Life Cycles	6,000+	3,000+
AC Outlets	3,840W Max. in total, 230V, 16.7A Max., 50/60Hz, (EU: 16A Max. each port AU: 15A Max. each port UK: 13A Max. each port)	2 × 230V 7.8A 1,800W
DC Outlets	Need to connect with Hub D1 : 700W Max. USB-C Port : 2 × 100W Max. USB-A Port : 2 × 15W Cigarette Lighter Port : 2 × 12V/10A or 24V/5A DC 5521 Port: 2 × 12V/10A or 24V/5A RV Port: 1 × 12V/50A or 24V/25A	USB-A : 2 × 15W Type-C : 1 × 100W Type-C : 1 × 140W Car Lighter : 1 × 120W DC 5521 : 2 × 96W
Power Lifting	7,680W	2,700W
AC input	3,840W Max., 230V, 16.7A Max., 50Hz / 60Hz (Requires Hub A1) 2,300W Max., 230V, 50Hz / 60Hz, 10A Max.	1,440W
Solar Input	1,200W Max. per port, 12V~60V, 20A Max. 2,400W in Total 2 × XT60 Port	1 × 1,000W Max 12V~60V 20A Max. XT60 Port
AC Bypass Charging	230V, 50A Max. (Charging + Bypass)	2,300W Max. (Charging + Bypass)
Scalability	Expandable Up to 6 × B500K 6 × B300K, 6 × B300S, 4 × B300	/
Switch over time	UPS ≤20ms	UPS ≤10ms
App Control	Wifi & Bluetooth	
Weight	38 kg	34 kg
Dimensions (L x W x D)	525 × 327 × 320 mm	403 × 284 × 460 mm
Warranty	5 Years	5 Years

Expansion Battery

BlueCell 300 (B300K)



BlueCell 500 (B500K)

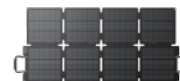


Battery	LiFePO ₄	
Capacity	2,764.8Wh	5,120Wh
Life Cycles	4,000+	4,000+
Working Humidity	5% to 95%RH	
Charging Current	60A Max.	
Discharging Current	70A Max.	
Expansion Port × 2	58.4VDC Max., 90A Max.	
Weight	29.5 kg	45 kg
Dimensions (L × W × H)	525 × 327 × 209 mm	525 × 327 × 308.5 mm
Warranty	4 Years	4 Years
Compatibility	Premium 200/AC200MAX/AC300 / AC500/Apex300	
With Apex 300 CA90 Short battery expansion cable With Premium 200/AC300 PO90A long battery expansion cable With AC500 P150D long battery expansion cable		

SORA 60



SORA 130



SORA 220



SORA 500



Power	60 W	130 W	220 W	500 W
Solar Cell Lamination	ETFE	ETFE	ETFE	ETFE
Cell Efficiency	24.7% Max.	25% Max.	25% Max.	25% Max.
Cell Type	Monocrystal	TOPCon	TOPCon	TOPCon
Open Circuit Voltage(Voc)	27.5 V	25.9 V	25.9 V	49.1 V
Short Circuit Current(Isc)	2.76 A	6.9 A	11.0 A	13.31 A
Voltage at Max Power (Vmp)	23.1 V	21.6 V	21.6 V	40.92 V
Current at Max Power (Imp)	2.58 A	6.0 A	10.2 A	12.22 A
Dimensions	Unfolded: 900 × 424 mm Folded: 226 × 210 × 70 mm	Unfolded: 1,378 × 660 mm Folded: 326 × 352 × 50 mm	Unfolded: 1,723 × 838 mm Folded: 415 × 302 × 87 mm	Unfolded: 2,541 × 1,146.6 mm Folded: 570 × 445 × 85 mm
Weight	1.4 kg	3.6 kg	5.9 kg	12.9 kg
Ingress Protection	IP65	IP67	IP67	IP67
Warranty	12 Months	12 Months	12 Months	12 Months