

PRODUCTS CATALOGUE

Portable Power Stations/Extra Battery/Solar Panels



FUZHOU EVERSTONG LEGA POWER EQUIPMENTS CO., LTD.
FUZHOU LAUNTOP M&E CO., LTD.

Add: Hongkuan Industrial Zone, Fuqing City, Fujian Province, China.

Add: No. 152 Guanpu Road, Jianxin Town, Cangshan District, Fuzhou City, Fujian Province, China

 www.launtop-energy.com

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About Launtop

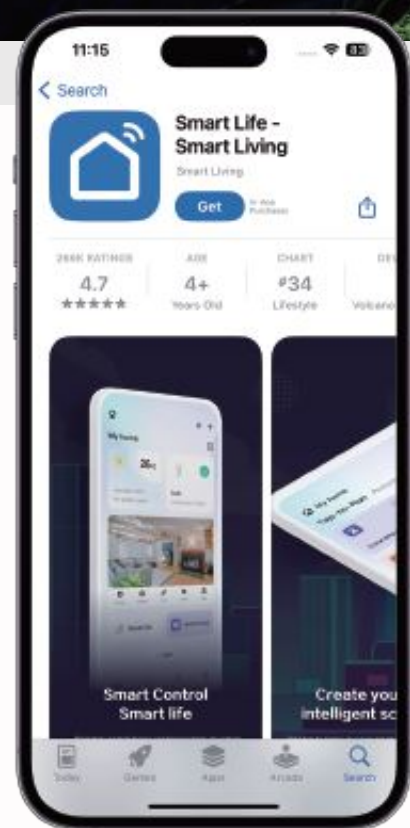
Founded in 2000, Launtop is a leading power solutions company with a 200,000 square meter facility, including 120,000 square meters floor range and over 1,000 employees. With 25 years of expertise in power technology, Launtop dedicate to the new energy industry today.

With a strong management team for R&D and production, Launtop had develop a range of innovative portable power station within 2 years and exported to USA, European countries, Japan, Korea etc.

Committed to innovation and reliability, Launtop continues to deliver advanced power solutions for green power.

Product Certificate





Smart Life App

Smart Life

Pair your mobile devices and Launtop portable power station with smart life app, a real-time device status monitoring and remote controll.



Our Technology

EPS Function

The portable power station connects to the wall outlet, any home appliances or electronics plugged into its AC outlet will powered from the grid directly under passby mode.

It will automatically switches to battery power within 20 ms during a grid outage.



BMS

With smart battery management system, Launtop power stations works in a better and reliable performance through real-time monitoring voltage, current, temperature, battery balancing, etc.

Power Boost

Launtop power boost technology allows to powered the home appliances exceeding the rated power of portable power station via voltage control, which offering safe power for emergency use.



Super Fast Charging

With advance super fast charging technology Launtop portable power station can recharge from 0% to 100% as fast as 1 hour. offering safe power for emergency use.

*For Launtop Pro Series



Applications

Reliable power for

- Home power backup
- Camping trip
- Outdoor activities
- Emergency power supply
- Off grid power





P Series

AC Output: 330W-700W
Capacity: 280.8Wh-561.6Wh



P Series Comparison



P330



P700

Capacity	280.8Wh (21.6V==13Ah)	561.6Wh (21.6V==26Ah)
Extra Battery	X	X
AC Output	1 Outlet, 330W	2 Outlets, 700W
AC Charging	60W Max	120W Max
Max Device(s) power supported by Power -Boots	800W	1750W
Surge Power	600W	1400W
Total Outlets	7	9
Wireless Charger (15W Max)	1	1
Solar Input	100W 12-30V, 5A Max	200W 12-30V, 8A Max
Battery	Lithium-ion Battery 600 cycles to 80% capacity	Lithium-ion Battery 600 cycles to 80% capacity
Dimensions	22.2 x 18.2 x 17.5 cm 8.7 x 7.2 x 6.9 in	26.6 x 21.8 x 20.5 cm 10.5 x 8.6 x 8.1 in
Weight	3.8 kg 8.3 lb	6.2 kg 13.6 lb
Accessories	AC Charging Cable x 1 XT60 to Car Charging Cable x 1	AC Charging Cable x 1 XT60 to Car Charging Cable x 1

Pro700

Pro1000

Pro1200

Pro1800

Pro2400

Run Times



P330



P700

	Smart Phone 12Wh (Type-C,USB-A)	17 times	34 times
	Camera 16Wh (Type-C, USB-A)	13 times	26 times
	Drone 40Wh (Type-C)	6 times	12 times
	Laptop 60Wh (Type-C)	4 times	8 times
	LED Light 10W (AC)	19 hr	39 hr
	Air Purifier 50W (AC)	4.7 hr	9.5 hr
	60" TV 120W (AC)	2 hr	4 hr
	Refrigerator 120W (AC)	2-4 hr	4-8 hr

*The appliance run times and durations of use provided above have been calculated with an AC Output. The data is for reference only. Please conduct tests to confirm actual run times of your appliances.

Charging Times



P330



P700

	AC Adaptor	5.3 hr (60W)	5.5 hr (120W)
	Solar Panel	2.8 hr (100W x 1)	2.8 hr (200W x 1)
	Car Charger	5-6 hr (12V-5A)	6-7 hr (12V-8A)

*The data above is for reference only.

Recommendations of Solar Charging

	P330	P700
Max Input	100W	200W
Option A	2.8 hr (100W x 1)	2.8 hr (200W x 1)
Option B	2.8 hr (100W x 1)	5.2 hr (100W x 1)

*The data above is for reference only.



Pro Series

AC Output: 330W-2400W
Capacity: 230.4Wh-2048Wh



Pro330

Pro700

Pro1000

Pro1200 / Pro1800

Pro2400



Pro330

Compact size & one hand to go

Capacity 230.4Wh, AC Rated Power 330W

- AC outlet x 1
- USB-C (PD 60W) x 1
- USB-A (QC3.0 18W) x 1
- USB-A (12W Max) x 1
- DC5521 (62.5W Max) x 2
- Cigar lighter (125W Max) x 1

FC CE RoHS PS E



Pro700

Not just a camping power

Capacity 512Wh, AC Rated Power 700W

- AC outlet x 2
- USB-C (PD 100W) x 2
- USB-A (QC3.0 18W) x 1
- USB-A (12W Max) x 1
- DC5521 (62.5W Max) x 2
- Cigar lighter (125W Max) x 1

FC CE RoHS PS E





Pro1200 / Pro1800

Eco-friendly & silent power backup

Capacity 1024Wh
AC Rated Power 1200W/1800W

- | | |
|---|---|
|  x 3 |  x 3 |
| AC outlet | USB-C (PD 60W x 2, 100W x 1) |
|  x 2 |  x 1 |
| USB-A (QC3.0 18W) | USB-A (12W Max) |
|  x 2 |  x 1 |
| DC5521 (62.5W Max) | Cigar lighter (125W Max) |
- 






Pro2400

Large capacity & mutiple outlets

Capacity 2048Wh, AC Rated Power 2400W

- | | |
|---|---|
|  x 4 |  x 3 |
| AC outlet | USB-C (PD 100W) |
|  x 2 |  x 1 |
| USB-A (QC3.0 18W) | USB-A (12W Max) |
|  x 2 |  x 1 |
| DC5521 (62.5W Max) | Cigar lighter (125W Max) |
- 






Pro Series Comparison



Pro330



Pro700



Pro1000



Pro1200



Pro1800



Pro2400

Capacity	230.4Wh (19.2V ===12Ah)	512Wh (25.6V ===20Ah)	768Wh (38.4V ===20Ah)	1024Wh (51.2V === 20Ah)	1024Wh (51.2V ===20Ah)	2048Wh (51.2V ===40Ah)
Extra Battery	X	X	X	Supports 1 x B1000 Extra Battery or 1 X B2000 Extra Battery	Supports 1 x B1000 Extra Battery or 1 X B2000 Extra Battery	Supports up to 2 x B2000 Extra Battery or Supports 2 x B1000 Extra Battery or Supports 1 x B1000 + 1 x B2000 Extra Battery
AC Output	1 Outlet, 330W	2 Outlets, 700W	3 Outlets, 1000W	3 Outlets, 1200W	3 Outlets, 1800W	4 Outlets, 2400W
AC Charging	270W Max	600W Max	900W Max	1200W Max	1200W Max	2200W Max
Max Device(s) power supported by Power -Boots	800W	1750W	2000W	2250W	2300W	4500W
Surge Power	660W	1400W	2000W	2400W	3600W	4800W
Total Outlets	7	9	9	12	12	13
Wireless Charger (15W Max)	1	1	1	1	1	2
Solar Input	100W 12-30V, 5A Max	200W 12-60V, 10A Max	300W 12-60V, 10A Max	400W 12-60V, 11.5A Max	400W 12-60V, 11.5A Max	800W 12-60V, 23A Max
Battery	LiFePO4 Battery 3000 cycles to 80% capacity	LiFePO4 Battery 3000 cycles to 80% capacity	LiFePO4 Battery 3000 cycles to 80% capacity	LiFePO4 Battery 3000 cycles to 80% capacity	LiFePO4 Battery 3000 cycles to 80% capacity	LiFePO4 Battery 3000 cycles to 80% capacity
App	Optional	Optional	Optional	Optional	Optional	Optional
Dimensions	22.2 x 18.2 x 17.5 cm 8.7 x 7.2 x 6.9 in	26.6 x 21.8 x 20.5 cm 10.5 x 8.6 x 8.1 in	26.6 x21.8 x 25.1 cm 10.5 x 8.6 x 9.9 in	34 x 24.4 x 26.8 cm 13.4 x 9.6 x 10.6 in	34 x 24.4 x 26.8 cm 13.4 x 9.6 x 10.6 in	42 x 26.8 x 30.9 cm 16.5 x 10.6 x 12.2 in
Weight	3.7 kg 8.2 lb	6.9 kg 15.2 lb	8.9 kg 19.6 lb	13.3 kg 29.3 lb	13.3 kg 29.3 lb	23.8 kg 52.5 lb
Accessories	AC Charging Cable x 1 XT60 to Car Charging Cable x 1	AC Charging Cable x 1 XT60 to Car Charging Cable x 1	AC Charging Cable x 1 XT60 to Car Charging Cable x 1	AC Charging Cable x 1 XT60 to Car Charging Cable x 1	AC Charging Cable x 1 XT60 to Car Charging Cable x 1	AC Charging Cable x 1 XT60 to Car Charging Cable x 1

Run Times



Pro330 Pro700 Pro1000 Pro1200 Pro1800 Pro2400

	Smart Phone 12Wh (Type-C,USB-A)	14 times	32 times	48 times	64 times	64 times	128 times
	Camera 16Wh (Type-C, USB-A)	11 times	24 times	36 times	48 times	48 times	96 times
	Drone 40Wh (Type-C)	5 times	12 times	18 times	24 times	24 times	48 times
	Laptop 60Wh (Type-C)	4 times	8 times	12 times	16 times	16 times	34 times
	LED Light 10W (AC)	19 hr	43 hr	65 hr	87 hr	87 hr	174 hr
	Air Purifier 50W (AC)	4 hr	8.7 hr	13 hr	17 hr	17 hr	35 hr
	60" TV 120W (AC)	1.6 hr	3.6 hr	5.4 hr	7 hr	7 hr	14 hr
	Refrigerator 120W (AC)	1.6-3.2 hr	3.6-7.2 hr	5.4-10.8 hr	7-14 hr	7-14 hr	14-28 hr
	Electronic Hammer 1200W (AC)	-	0.36 hr	0.5 hr	0.7 hr	0.7 hr	1.4 hr
	Circular Saw 1400W (AC)	-	0.3 hr	0.35 hr	0.6 hr	0.6 hr	1.3 hr

*The appliance run times and durations of use provided above have been calculated with an AC Output. The data is for reference only. Please conduct tests to confirm actual run times of your appliances.

Charging Times



Pro330 Pro700 Pro1000 Pro1200 Pro1800 Pro2400

	AC Wall Outlet	1 hr (270W)	1.1 hr (600W)	1.1 hr (900W)	1.3 hr (1200W)	1.3 hr (1200W)	1.1 hr (2200W)
	Solar Panel	2.3 hr (100Wx1)	2.6 hr (200Wx1)	2.6 hr (200Wx1+100Wx1)	2.6 hr (400Wx1)	2.6 hr (400Wx1)	2.6 hr (400Wx2)
	Car Charger	5-6 hr (12V-5A)	3.3 hr (24V, 200W Max) 6.0 hr (12V, 100W Max)	5 hr (24V, 200W Max) 9 hr (12V, 100W Max)	6 hr(24V, 260W Max) 11 hr (12V, 130W Max)	6 hr (24V, 260W Max) 11 hr (12V, 130W Max)	10 hr (24V, 260W Max) 19 hr (12V, 130W Max)

* The data above is for reference only.

Recommendations of Solar Charging

	Pro330	Pro700	Pro1000	Pro1200	Pro1800	Pro2400
Max Input	100W	200W	300W	400W	400W	800W
Option A	2.3 hr (100Wx1)	2.6 hr (200Wx1)	2.6 hr (200Wx1+100Wx1)	2.6 hr (400Wx1)	2.6 hr (400Wx1)	2.6 hr (400Wx2)
Option B	2.3 hr (100Wx1)	5.2hr (100Wx1)	3.8 hr (200Wx1)	5.2hr (200Wx1)	5.2 hr (200Wx1)	5.2 hr (400Wx1)

*The data above is for reference only

Extra Battery

- B1000**
- **Capacity:1024Wh**
 - **Battery for Pro1200 and Pro2400**



Capacity	1024Wh(51.2 == 40Ah)
Extra Battery Port	1
Battery	LiFePO4 Battery 3000 cycles to 80% capacity
Dimensions	34 x 24.4 x 20.4 cm 13.4 x 9.6 x 8 in
Accessories	Extra Battery Cable
Weight	10.1 kg 22.3 lb

- B2000**
- **Capacity:2048Wh**
 - **Battery for Pro1200 and Pro2400**



Capacity	2048Wh(51.2 == 40Ah)
Extra Battery Port	2
Battery	LiFePO4 Battery 3000 cycles to 80% capacity
Dimensions	42 x 26.8 x 23 cm 16.5 x 10.5 x 9 in
Accessories	Extra Battery Cable
Weight	18.6 kg 41 lb

*The appliance run times which provided in this table have been calculated by the AC output. The data is for reference only. Please conduct tests to confirm the actual run time of your appliances.

Combination for More Capacity

Pro1200
1024Wh

+

B1000
1024Wh

Pro1200
1024Wh

+

B2000
2048Wh

2048Wh

3072Wh

Pro2400
2048Wh

+

B2000
2048Wh

Pro2400
2048Wh

+

B2000x2
4096Wh

4096Wh

6144Wh



SOLAR PANELS

LT Series

OUTPUT POWER: 100W-200W-400W



Durable



High Conversion
Efficiency



Eco-Friendly



Portable

LAUNTOP.

Application Scenarios



SELF-DRIVING TOUR



CAMPING

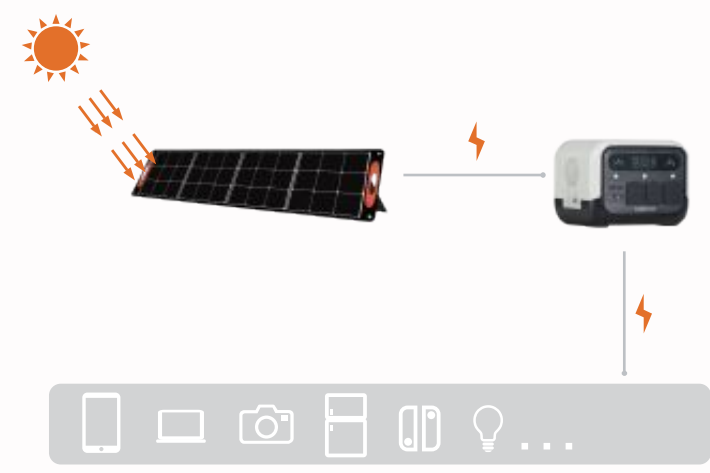


RV



ROOF

Schematic Diagram Of Solar Power Generation Work



- Be sure to expose the solar panel to sunlight.
- Green energy to power AC devices and DC devices.

LT SERIES COMPARISON



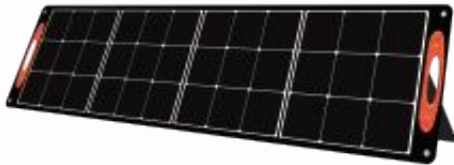
LT-100W
(TONGWEI)



LT-100W
(SUNPOWER)



LT-200W
(TONGWEI)



LT-200W
(SUNPOWER)



LT-400W
(TONGWEI)



LT-400W
(SUNPOWER)

Solar Cells	Tongwei		Sunpower		Tongwei		Sunpower	
Cells Type	Mono		Mono		Mono		Mono	
Output Power	100W		100W		200W		200W	
Voc	24.6V		26.2V		24V		26.2V	
Vmp	20V		20.2A		20V		20.2A	
Isc	5.58A		11.13A		11A		11.13A	
Imp	5A		5A		10A		10.16A	
Interface (Cable Length 3m)	DC7909 XT60 Anderson		DC7909 XT60 Anderson		DC7909 XT60 Anderson		MC4 XT60 Anderson	
USB Port	USB-A x1, 5V==2.4A Max USB-C x1, 5V==3.0A Max		USB-A x1, 5V==2.4A Max USB-C x1, 5V==3.0A Max		x		x	
Water Proof	IP65		IP65		IP65		IP65	
Operating Temperature	-10~65°C		-10~65°C		-10~65°C		-10~65°C	
Open Size	1222 x 533 x 25 mm 48.1 x 21 x 0.98 in		1228 x 536 x 14 mm 48.3 x 21.1 x 0.55 in		2348 x 536 x 25 mm 92.5 x 21.1 x 0.98 in		2349 x 536 x 21 mm 92.5 x 21.1 x 0.83 in	
Folding Size	605 x 533 x 38 mm 23.8 x 21 x 1.5 in		608 x 536 x 38 mm 24 x 21.1 x 1.5 in		616 x 536 x 54 mm 24.5 x 21.1 x 2.13 in		616 x 536 x 42 mm 24.3 x 21.1 x 1.65 in	
Net Weight	4.40 kg 9.7 lb		3.73 kg 8.2 lb		8.13 kg 17.9 lb		7.80 kg 17.2 lb	
							17.5kg 38.6 lb	
							16 kg 25.3lb	