



Model	MPS-200	MPS-300	MPS-600	MPS-1000	MBP-1000	MPS-1800x	MPS-1800	MPS-3000	MBP-3000	
Article No.	1518820	1518830	1518840	1518880	1518890	1519150	1518850	1518860	1518870	
Electrical data										
Battery					LiFePO4					
Capacity (Wh)	102 Wh	204 Wh	512 Wh	614 Wh	614 Wh	1024 Wh	1229 Wh	2560 Wh	2560 Wh	
Cycle life (at 100% DoD)	>3000	>3000	>3000	>3000	>3000	>4000	>3000	>4000	>4000	
Rated output power (W)	200 W	300 W	600 W	1000 W	960 W	1800 W	1800 W	3000 W	2500 W	
Peak output power (W)	250 W	500 W	1000 W	1600 W	1382.4 W	3000 W	3000 W	5000 W	3500 W	
Max. AC charging power input	120 W	250 W	600 W	700 W	-	1500 W	1200 W	2000 W	-	
Max. DC charging power input	50 W	120 W	200 W	400 W	400 W	800 W	400 W	800 W	-	
Max. Solar charging power input	50 W 12-24 V 4 A	120 W 12-24 V 8 A	200 W 12-20 V 10 A	400 W 13-45 V 12 A	400 W 13-45 V 12 A	800 W 11-60 V 20 A	400 W 13-45 V 12 A	800 W 13-45 V 12 A	800 W 13-45 V 12 A	
BMS					Integrated					
Bypass mode					Yes					
Inverter					Pure Sine wave, Bidirectional					
MPPT					Yes					
UPS	Yes, 10 ms	Yes, 10 ms	Yes, 10 ms	Yes, 10 ms	-	-	-	-	-	
EPS	-	-	-	-	-	14 ms	14 ms	14 ms	-	
Outlets										
Outlets	AC (1x) DC (1x) USB-A (2x) USB-C (2x)	AC (1x) DC (1x) USB-A (2x) USB-C (2x)	AC (2x) DC (3x) USB-A (2x) USB-C (2x)	AC (2x) DC (1x) USB-A (2x) USB-C (2x)	AC (2x) DC (1x) USB-A (2x) USB-C (2x)	DC (1x) USB-A (1x) USB-C (3x)	AC (4x) DC (2x) USB-A (2x) USB-C (4x)	AC (3x) DC (3x) USB-A (4x) USB-C (2x)	AC (3x) DC (4x) USB-A (4x) USB-C (2x)	1x Output socket
Wireless charging pad	-	-	-	-	-	-	Yes, 25 W max	-	-	-
Input										
Input	AC (1x) / DC (Car/Solar DC7909) (1x)	DC (Car/Solar DC7909) (1x)	AC (1x) / DC (Car/Solar DC7909) (1x) DC (Solar XT60) (2x)	AC (1x) / DC (Car/Solar DC7909) (1x)	AC (1x) / DC (Car/Solar DC7909) (2x)	1x Input socket				
Functions										
Display	LCD	LCD	LCD	LCD			LCD	LCD	LCD	
App (WiFi and Bluetooth)	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LED light	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes	-



Model	MPS-200	MPS-300	MPS-600	MPS-1000	MBP-1000	MPS-1800x	MPS-1800	MPS-3000	MBP-3000
Article No.	1518820	1518830	1518840	1518880	1518890	1519150	1518850	1518860	1518870
Run times*									
Phone 11 Wh (USB-C)	5 times	12 times	27 times	33 times	33 times	54 times	63 times	110 times	110 times
Light 10 W (DC)	5.5/hrs	9.7/hrs	22.3/hrs	25/hrs	25/hrs	58/hrs	50/hrs	105/hrs	105/hrs
Laptop 60 Wh (USB-C)	1-2 times	2-3 times	6 times	8-9 times	8-9 times	10 times	15 times	28 times	28 times
Cool box 60 W (DC/AC)	1.4/ 1.3/hrs	2.7/2.8/hrs	6.4/6.3/hrs	8.4/ 8.3 hous	8.4/ 8.3 hous	14.5/ 13/hrs	15.2/13.7/hrs	31/27/hrs	31/27/hrs
50" TV 110 W (AC)	0.8/hrs	1.5/hrs	3.8/hrs	4.5/hrs	4.5/hrs	7/hrs	8.2/hrs	16.9/hrs	16.9/hrs
Coffee maker 600 W (AC)	/	/	0.7/hrs	0.8/hrs	0.8/hrs	1.5/hrs	1.7/hrs	3.7/hrs	3.7/hrs
Quartz heater 800 W (AC)	/	/	/	0.6/hrs	0.6/hrs	1.2/hrs	1.3/hrs	2.7/hrs	2.7/hrs

*Values may differ slightly in reality due to circumstances.

Charging times (0-100%)*

Wall outlet (AC)	1.3/hrs	1.2/hrs with the fast charge mode	1.5/hrs with the fast charge mode	1.5/hrs	1.5/hrs	1.2/hrs with the fast charge mode		1.6/hrs with the fast charge mode	
Car charger (DC)	2.5/hrs	2/hrs	5/hrs	3.8/hrs	3.8/hrs	7.5/hrs	6/hrs	12.5/hrs	12.5/hrs
Solar panel Pmax 100 W	2.5/hrs	2.1/hrs	6.1/hrs	7.5/hrs	7.5/hrs	11/hrs	13.7/hrs	28.6/hrs	28.6/hrs
Solar panel Pmax 150 W	2.5/hrs	1.6/hrs	4/hrs	4.8/hrs	4.8/hrs	7/hrs	9.1/hrs	19/hrs	19/hrs
Solar panel Pmax 200 W	2.5/hrs	1.4/hrs	3/hrs	3.6/hrs	3.6/hrs	6/hrs	6.8/hrs	14/hrs	14/hrs

*Values may differ slightly in reality due to circumstances.

Mechanical data

Weight	2 kg	3.7 kg	7.3 kg	8.5 kg	7.5 kg	13 kg	19.3 kg	34 kg	26.2 kg
Dimensions (L x W x H)	20 x 13.4 x 13 cm	24.8 x 16.4 x 15 cm	30.1 x 22.7 x 19.3 cm	30.1 x 22.7 x 19.3 cm	30.1 x 22.7 x 19.3 cm	35 x 25.9 x 22 cm	43.2 x 27 x 30 cm	53.6 x 30.3 x 34.3 cm	53.6 x 27 x 22.5 cm
Case material						PC+ABS			
IP class						IP20			

Compliance data

Certifications	CE, RoHS, REACH								
Shipping classifications	UN38.3								

Warranty

Warranty	3 years								
----------	---------	--	--	--	--	--	--	--	--