



## PORTABLE STORAGE SYSTEM

2000W-110V/220V, 2000W Pro-110V/220V



Safety and stability,  
multiple BMS protection



Total 13 output ports  
(within wireless charge)



UPS function,  
switchover time within 10ms



Built-in bi-directional  
inverter

### Datasheet (110V/220V)

Model	2000W-110V	2000W-220V	2000W Pro-110V	2000W Pro-220V
<b>Battery Input</b>				
Battery Input nominal voltage [V]			48	
Battery Input voltage range[V]			37~60	
Battery capacity [Wh]	1440	1440	1920	1920
Nominal charging current [A]	25A	25A	25A	25A
Nominal discharging current [A]	45A	45A	45A	45A
Max discharging current [A]	30A	30A	45A	45A
Life cycles (@25°C, 1C discharge)			2000+	
<b>AC Input</b>				
AC charging power [W]	1200	1200	1500	1500
Nominal voltage[Vac]	110	220	110	220
Voltage range[V]	90~140	180~260	90~140	180~260
Nominal Frequency[Hz]	60	50	60	50
Frequency range[Hz]	55~65	45~55	55~65	45~55
Power Factor (@max. charging power)			>0.99	
<b>DC Input</b>				
Max car charging input power [W]			120	
Max solar charging input power [W]			200	
DC input voltage range [V]			10~30	
Max DC/PV input current [A]			10	
<b>AC Output</b>				
Nominal AC Power [W]	2000	2000	2000	2000
Surge power [W]	5000	5000	5000	5000
Nominal Grid Voltage [Vac]	110	220	110	220
Nominal Grid Frequency [Hz]	60	50	60	50
Max.AC Current [A]	45	22.7	45	22.7
Nominal AC Current [A]	18	9	18	9
THDv at Nominal Power			<1.5%	
<b>DC Output</b>				
USB-A (x1)			12.5w, 5V, 2.5A	
QC3.0 (x2)			28W each , (5V, 9V,12V), 2.4A	
USB-TypeC (x2)			100W each , (5V, 9V, 12V, 20V), 5A	
Car port and DC port totally max output			136W	
Car port (x1)			136w, 13.6V, 10A	
DC port (x2)			136w, 13.6V, 10A	
<b>Other Features</b>				
LED light			3W	
LCD			97mm*48mm	
wireless charger			10W	
Parallel output			Optional	
<b>Efficiency</b>				
Battery to AC Max[%]	92.0	93.0	92.0	93.0
AC to battery Max[%]			93	
<b>Protection</b>				
			AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage;	
<b>General Data</b>				
Dimensions (W*H*D) [mm]			343*292*243	
Weight [Kg]	17.65	17.65	22	22
Cooling concept			Forced air cooling	
Operation temperature range [°C]			0~45°C (charging) , -20~55°C (discharging)	
Operation relative humidity [RH(%)]			0-95, Non condensation	
Ingress protection			IP20	
Noise[dB]			<65dB	
Communication interface			WiFi	