

300W Portable power station 3.2V Bi-directional Inverter Special for single LFP battery cell

EPS Switchover Time: 10ms (typical value)

Industry-leading High Power Density

OTA Supported

1S LiFePO₄

120V/230V AC Output


Operating Temperature: -10°C to +40°C at full load

EMC : EMC Class B passed

200W: Built-in 200W MPPT

300W: Inverter power 300W

1KWH: Suit for 280Ah/314Ah battery single cell, 1Kwh power



eCandle Mini Power Station

300W
Charge and Inverter
power rate: 300W

200W
Built-in 200W MPPT,
12-60V input voltage

1KWH
Single 280Ah/314Ah battery
cell, 1Kwh power capacity

UPS
UPS model available, switch
time < 12ms

型号Model	eCandle	
电池 Battery Cell	1* battery cell LiFePO ₄	
电池容量 Battery Capacity	280Ah or 314Ah	
电池能量 Battery Energy	896Wh or 1004wh	
输入特性 Input Specifications		
交流输入额定电压 AC input voltage	220V	110V
交流充电额定功率 AC charging power	300W	
交流充电频率 AC charging frequency	45~65Hz	
光伏输入电压范围 PV input voltage range	12~60V	
光伏输入最大功率 PV input maximum power	200W	
光伏充电效率 PV input efficiency	88%	
输出特性 Output Specifications		
交流输出额定电压 AC output voltage	220V	110V
交流输出额定功率 AC output power	300W	
交流输出频率 AC output frequency	50/60Hz	
交流输出效率 AC output efficiency	85%	
输出波形 Output waveform	标准正弦波 Pure sine wave	
交流输出峰值功率 AC output peak power	600W	
旁路模式 Bypass model	支持旁路模式 Available	
UPS模式 UPS model	UPS class switch time:<12ms	
直流输出额定电压 DC output voltage	3.2V	
整机性能 Features		
涓流充电 Trickle Charge	支持 Available	
散热方式 Cooling Style	风冷强制散热 fan forced-cooling	
保护功能 Protection	过载保护 过压保护 过流保护 过温保护 欠压保护 OLP, OVP, OCP, OTP, LVP	
接口 Interface		
USB直流输出 USB output port	2 * USB Type A port, 5V/9V/12V, 20W max 1 * USB Type C port, 5V/9V/12V, 20W max	
交流输出 AC output port	1 * AC port, 300W max	
光伏输入 PV input port	1 * XT60 port 12~60V, 200W max	
交流输入 AC input port	1 * C14 AC inlet port	
电池电量显示 Battery SOC indicator	4 LEDs ●●●●	



色号:



PANTONE 10396



RAL 9022





