

Product Specification

Model: MY-1500W6S

Name: 1.5kw 6S Airborne power supply

Version: V03

Date: 2022-02-09

Image and key parameters



	Parameters
Weight	900g
Measurement	15.3cm x 4.5cm x 9.5cm
Power	1500W
Input	400V d.c.
Output voltage	6S d.c.
Output current	60A
Cooling	fans

Input

	Programme	Specification	Unit	Remark
1	Rated voltage	400Vdc	Vdc	Full load
2	Voltage range	300-420	Vdc	Full load
3	Max. input	≤5.5	A	Vin=400Vdc
4	No-load input	≤0.08	A	Vin=400Vdc

Output

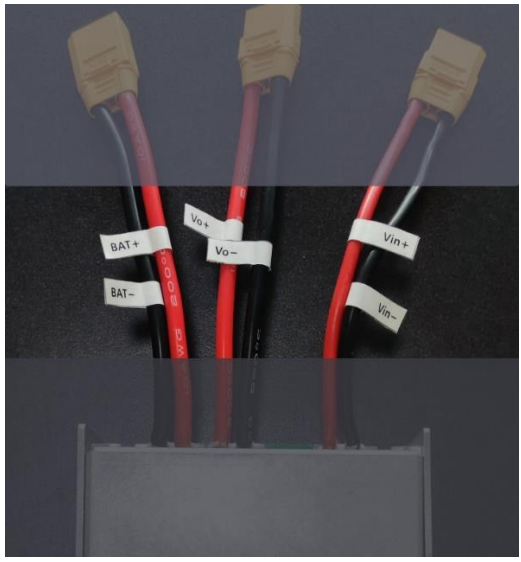
	Programme	Specification	Unit	Remark
1	Rated output	6S	Vdc	
2		0-60	A	
3	Voltage accuracy	±1.5	%	
4	Load Regulation	±1.5	%	
5	Output ripple and noise	≤800mV	/	
6	Output power	1500	W	
78	Efficiency	Typical 94	%	Vin=400Vdc , 50% load
8	Output capacitive load	5000	μF	Pure resistance mode
9	Output voltage rise time	≤300	ms	

Protection features

	Programme	Specification	Unit	Remark
1	Input undervoltage protection	285-295	Vdc	Shut down
2	Output current limit	64-80	A	Constant current, recoverable
3	Overvoltage protection	110% V _o	Vdc	Constant voltage, recoverable

4	Over temperature protection	120	°C	inside
5	Short circuit protection	Yes, recoverable		
6	Output anti-reverse connection	Terminal protection		

Connection

	<p>BAT+ / BAT-: Contact this to airborne battery as backup power supply</p> <p>Vo+ / Vo-: 6S DC output which is connected to UAV</p> <p>Vin+ / Vin-: 400V DC input from base station</p>
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Measurement (mm)

