

VOLTCRAFT

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For decades, our product range has been dynamically adapting to the constant changes in the industry.

We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

VSPP SERIES PROGRAMMABLE POWER SUPPLY



Item No. : 3413736 (VSPP-1208)	Item No. : 3734639 (VSPP-3016)
Item No. : 3413737 (VSPP-1215)	Item No. : 3734640 (VSPP-1815)
Item No. : 3413738 (VSPP-1230)	Item No. : 3734641 (VSPP-2015)
Item No. : 3413739 (VSPP-3015)	Item No. : 3734642 (VSPP-2030)
Item No. : 3413740 (VSPP-3030)	Item No. : 3734643 (VSPP-2060)
Item No. : 3413741 (VSPP-3060)	



Image shows item no 3413741

TECHNICAL DATA

Model		VSP-1208	VSP-1215	VSP-1230	VSP-3015	VSP-3030	VSP-3060
Rated Output (0 to +40 °C)	Voltage	0 - 80V	0-150V	0-300V	0-150V	0-300V	0-600V
	OVP	1-85V	1-155V	1-305V	1-155V	1-305V	1-605V
	Current	0-30A	0-20A	0-10A	0-30A	0-15A	0-10A
	OCP	1-35A	1-25A	1-15A	1-35A	1-20A	1-11A
	Power	1200W			3000W		
	OPP	10W - 1300W			10W - 3100W		
Power supply	Volt/freq./max input current	85V-265Vac; 50Hz-60Hz; 10Aac Max			85V-265Vac; 50Hz-60Hz; 16Aac Max		
Load Regulation (%of output+offset)	CV	≤0.03%+10mV			≤0.03%+10mV		
	CC	≤0.05%+30mA			≤0.05%+30mA		
Line Regulation (%of output+offset)	CV	≤0.01%+10mV			≤0.01%+10mV		
	CC	≤0.05%+20mA			≤0.05%+20mA		
Setting Resolution	Voltage	10mV			10mV		
	Current	1mA			1mA		
Readback Resolution	Voltage	1mV			1mV		
	Current	1mA			1mA		
Setting Accuracy	Voltage	≤0.05% ±20mV	≤0.05% ±20mV	≤0.05% ±50mV	≤0.05% ±20mV	≤0.05% ±50mV	≤0.05% ±100mV
	Current	≤0.05% ±30mA	≤0.05% ±30mA	≤0.05% ±20mA	≤0.05% ±30mA	≤0.05% ±20mA	≤0.05% ±20mA
Readback Accuracy	Voltage	≤0.05% ±20mV	≤0.05% ±20mV	≤0.05% ±50mV	≤0.05% ±20mV	≤0.05% ±50mV	≤0.05% ±100mV
	Current	≤0.05% ±30mA	≤0.05% ±30mA	≤0.05% ±20mA	≤0.05% ±30mA	≤0.05% ±20mA	≤0.05% ±20mA
Ripple/Noise (*)	Voltage	≤100mVp-p	≤100mVp-p	≤250mVp-p	≤100mVp-p	≤250mVp-p	≤500mVp-p
	Current	≤50mArms	≤50mArms	≤50mArms	≤50mArms	≤50mArms	≤50mArms
Output temperature coef- ficient (0 to +40 °C)	Voltage	100ppm/°C			100ppm/°C		
	Current	200ppm/°C			200ppm/°C		
Readback temperature coefficient	Voltage	100ppm/°C			100ppm/°C		
	Current	200ppm/°C			200ppm/°C		
Recovery Time (10%-90% rated load)		5ms			5ms		
Working Temperature		0 to +40°C			0 to +40°C		
Display		9.9 cm (3.9") color LCD display			9.9 cm (3.9") color LCD display		
Interface		USB, RS485, LAN			USB, RS485, LAN		
Size		215.2 mm(W) X 99.8 mm(H) X 519.1 mm(D)			215.2 mm(W) X 99.8 mm(H) X 519.1 mm(D)		
Weight		Approx. 6.4kg			Approx. 6.8kg		

Model		VSPP-3016	VSPP-1815	VSPP-2015	VSPP-2030	VSPP-2060
Rated Output (0 to +40 °C)	Voltage	0 - 150V	0-150V	0-150V	0-300V	0-600V
	OVP	1-155V	1-155V	1-155V	1-305V	1-605V
	Current	0-40A	0-30A	0-20A	0-10A	0-10A
	OCP	1-45A	1-35A	1-25A	1-15A	1-11A
	Power	3000W	1800W	2000		
	OPP	10W - 1300W	10W - 2100W	10W - 2100W		
Power supply	Volt/freq./max input current	85V-265Vac; 50Hz-60Hz; 10Aac Max				
Load Regulation (%of output+offset)	CV	≤0.03%+10mV				
	CC	≤0.05%+30mA				
Line Regulation (%of output+offset)	CV	≤0.01%+10mV				
	CC	≤0.05%+20mA				
Setting Resolution	Voltage	10mV				
	Current	1mA				
Readback Resolution	Voltage	1mV				
	Current	1mA				
Setting Accuracy	Voltage	≤0.05% ±50mV	≤0.05% ±20mV	≤0.05% ±20mV	≤0.05% ±50mV	≤0.05% ±100mV
	Current	≤0.1% ±40mA	≤0.05% ±30mA	≤0.05% ±30mA	≤0.05% ±20mA	≤0.05% ±20mA
Readback Accuracy	Voltage	≤0.05% ±50mV	≤0.05% ±20mV	≤0.05% ±20mV	≤0.05% ±50mV	≤0.05% ±100mV
	Current	≤0.1% ±40mA	≤0.05% ±30mA	≤0.05% ±30mA	≤0.05% ±20mA	≤0.05% ±20mA
Ripple/Noise (*)	Voltage	≤150mVp-p	≤100mVp-p	≤100mVp-p	≤250mVp-p	≤500mVp-p
	Current	≤50mArms	≤50mArms	≤50mArms	≤50mArms	≤50mArms
Output temperature coef- ficient (0 to +40 °C)	Voltage	100ppm/°C				
	Current	200ppm/°C				
Readback temperature coefficient	Voltage	100ppm/°C				
	Current	200ppm/°C				
Recovery Time (10%-90% rated load)		5ms				
Working Temperature		0 to +40°C				
Display		3.9 cm (3.9") color LCD display				
Interface		USB, RS485, LAN				
Size		215.2 mm(W) X 99.8 mm(H) X 519.1 mm(D)				
Weight		Approx. 6.8kg				

DELIVERY CONTENTS

Power supply // Power cord // USB Cable // Handles // Output terminal with remote compensation // Screw set // Operating instructions