

BASIC FEATURES

- Programmable multi-connectors
- Save/Load setting
- Short circuits protection
- Lock channel setting
- Intuitive GUI
- SCPI command support
- Python and LabView support for dynamic programming
- Wide voltage range
- Windows and Linux support
- USB port

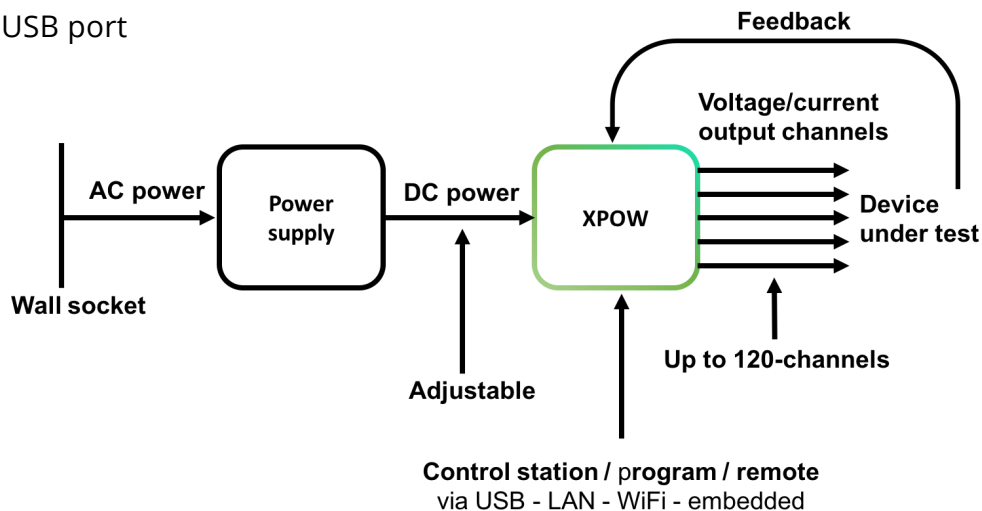
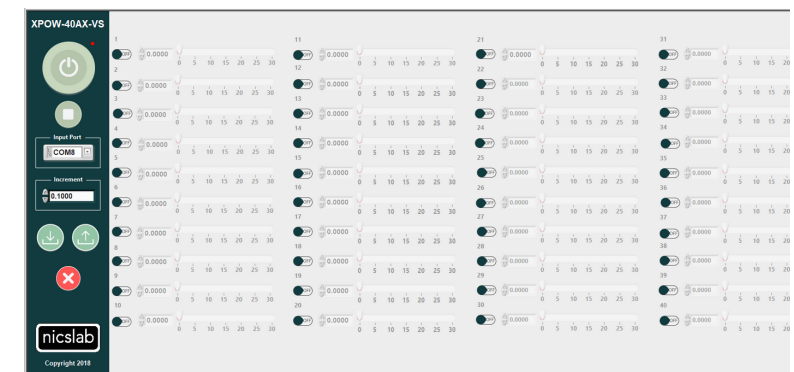
TECHNICAL SPECIFICATION

The maximum voltage depends on the type of Xpow. We offer range from 0 - 30 V / 3W output and can be customized for your applications. The DC input source can be supplied from any conventional power supply maximum 3 Amp - 32 V.

Model	CH	Description	Max Setting
Xpow-8AX-CC	8	I-dynamic	800 mAmp/ch
Xpow-8AX-CV	8	V-dynamic	30 Volt/ch
Xpow-8AX-CCvCV	8	I/V-dynamic	800 mAmp/30 Volt/ch
Xpow-40AX-CC	40	I-dynamic	800 mAmp/ch
Xpow-40AX-CV	40	V-dynamic	30 Volt/ch
Xpow-40AX-CCvCV	40	I/V-dynamic	800 mAmp/30 Volt/ch
Xpow-120AX-CC	120	I-dynamic	50 mAmp/ch
Xpow-120AX-CV	120	V-dynamic	30 Volt/ch
Xpow-120AX-CCvCV	120	I/V-dynamic	50 mAmp/30 Volt/ch
Xpow-LD6AX-CC	6	I-dynamic	1.5 Amp - 7.5 W/ch
Xpow-LN2AX-CV	2	V-static	±15 Volt - 2.25 W/ch

SOFTWARE AND GRAPHICAL USER INTERFACE (GUI)

All control system is integrated into the software with reconfigurability of input and locking capability, ensuring the safety of the device under test.



Xpow products span from telecommunication to quantum applications

XPOW TYPICAL PERFORMANCE

Model	Features
Xpow-8AX-CC	Voltage noise: 27 μ VRMS; 50 μ A SET Pin Current: 1% initial accuracy; <0.001%/V line regulation typical; Reverse current protection; <1mV load regulation typical independent of Vout
Xpow-8AX-CV	
Xpow-8AX-CCvCV	
Xpow-40AX-CC	
Xpow-40AX-CV	
Xpow-40AX-CCvCV	
Xpow-120AX-CC	
Xpow-120AX-CV	
Xpow-120AX-CCvCV	
Xpow-LD6AX-CC	
Xpow-LN2AX-CV	Low noise: 20 μ VRMS (Positive) and 30 μ VRMS (Negative)

XPOW OPTIONAL FOR HIGH PERFORMANCE CUSTOM OUTPUT

Upgrade regulator model to	Dropout (mV)	Noise (10 Hz to 100 kHz)	I _{max out} (mA)	Adj I point	I resolution (mA)
CC_42	350	0.8 μ VRMS	200	1024	~0.2
CC_45	260	0.8 μ VRMS	500	1024	~0.5
CC_88	1350	27 μ VRMS	800	1024	~0.8
CC_80	350	40 μ VRMS	800	1024	~1
CC_85	275	40 μ VRMS	500	1024	~0.5
CC_92	1350	40 μ VRMS	200	1024	~0.2

Ordering Information:

800 Village Walk #316
 Guilford, CT 06437
 Ph: 203-401-8093



Email orders to: sales@xsoptix.com
 Fax orders to: 800-878-7282