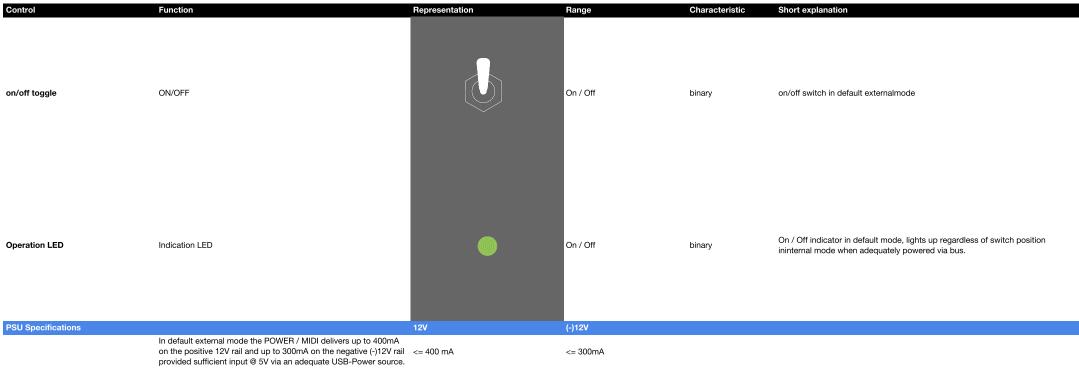


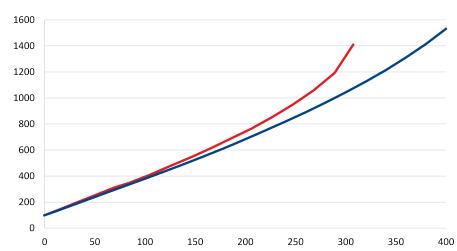
USB-Micro B input socket	USB Power Source Input		>1.5A minimum	5V	USB-Micro B input socket, >1.5A source recommended
midi	MIDI source input	midi	MIDI range	MIDI	Use supplied 3.5mm to MIDI adapter cable
Output	Function	Representation	Range	Characteristic	Short explanation
pitch	1v/oct pitch output	pitch	-3V to 5V	1v/oct exponential C\	/ pitch output for external sources tracking 1v/oct
mod	Modulation output	mod	0V to 5V	СУ	MIDI modulation wheel 0-127 binary to cv conversion output
vel	Velocity output	vel	0V to 5V	cv	MIDI note velocity 0-127 binary to cv conversion output
gate	Gate output	gate	5V (positive)	CV spike	MIDI note gate length conversion to cv



performance chart (input @5V vs.

positive & negative 12V rails): Sum rail values in mA for total

input: mA @ 5V



output: mA @ 12V / -12V

Modes of Operation

External Mode (default):

Standalone PSU unit for EURORACK standardized (+/- 12V including 5V) systems - powered via an external USB source (USB-

Micro B socket, min. Source requirements: >1.5A). Integrated high-precision 16bit MIDI-to-CV interface.

Internal Mode: Integrated high-precision 16bit MIDI-to-CV interface.

No output is generated on the 12V rails, in internal mode the

unit does NOT operate as a PSU!

IMPORTANT!

Internal mode requires removal of the J9 PIN header before powering the module!

Failure to do so might damage the unit!

The module can be powered by any bus-board providing sufficient 5V current (POWER / MIDI requirements: 42mA @ 5V; 3,6mA @ 12V; 2mA @ -12V) on the EURORACK standardized 5V rail using a standard 16PIN Flat-Ribbon connector.

Misalignment or misorientation of Flat-Ribbon connector might damage the unit!