

CURRENT CONSUMPTION TABLE

This is a list containing a number of pedals of different brands along with the basic specifications for how to power them with a power supply. It definitely doesn't have all pedal types existing but it grows when we get more information.

The figure for the current draw of a particular pedal is either the one stated by the manufacturer in the pedal's specifications (3rd column) or it is measured (4th column). The two should be the same but in some cases they are not and then you should take the measured one. If two figures are given separated by / in the same column the first figure is the current draw in bypass mode and the second is when the pedal is activated.

The last column tells you what voltage the pedal needs. In case of BOSS pedals PSA means 9V DC, ACA/PSA means 9 or 12V DC and ACA 12V means 12V DC. If nothing is stated 9V DC is assumed.

The list has been updated on January 20th 2004.

Brand	Type	Current draw		Adapter/voltage
		Stated	Measured	
BOSS	AC-2 Acoustic Simulator	18mA	16mA	PSA
BOSS	AD-3 Acoustic Instrument Processor	90mA		PSA
BOSS	AD-5 Acoustic Instrument Processor	300mA		
BOSS	AW-2 Auto Wah	15mA		PSA
BOSS	AW-3 Dynamic Wah	45mA max.		PSA
BOSS	BD-2 Blues Driver	13mA	12mA	PSA
BOSS	BF-2 Flanger	15mA		ACA/PSA
BOSS	BF-2B Bass Flanger	14mA		ACA 12V
BOSS	BF-3 Flanger	40mA	40mA	PSA
BOSS	CE-2 Chorus	9mA	9mA	ACA 12V
BOSS	CE-20 Chorus Ensemble	160mA	165mA	PSA
BOSS	CE-2B Bass Chorus	10mA		ACA 12V
BOSS	CE-3 Chorus	13mA	11mA	ACA 12V
BOSS	CE-5 Chorus Ensemble	18mA	18mA	PSA
BOSS	CEB-3 Bass Chorus	18mA	16mA	PSA
BOSS	CH-1 Super Chorus	15mA	13mA	PSA
BOSS	CS-1 Compressor	5mA		ACA 12V
BOSS	CS-2 Compressor	4mA	3,2/3,8mA	ACA 12V
BOSS	CS-3 Compressor	10mA	10mA	ACA 12V
BOSS	CT-6 Guitar/Bass Auto Tuner	?		PSA
BOSS	DC-2 Dimension C	30mA	29/29,3mA	PSA
BOSS	DC-3 Digital Dimension/Digital Space-D	65mA		PSA
BOSS	DD-2 Digital Delay	55mA	54mA	PSA
BOSS	DD-20 Digital Delay	?		PSA
BOSS	DD-3 Digital Delay	55mA	47mA	PSA
BOSS	DD-5 Digital Delay	65mA	61mA	PSA
BOSS	DD-6 Digital Delay	?		PSA
BOSS	DF-2 Super Feedbacker & Distortion	10mA		ACA 12V
BOSS	DM-2 Delay	11mA		ACA 12V
BOSS	DM-3 Delay	18mA	11mA	ACA 12V
BOSS	DS-1 Distortion	4mA	4mA	ACA/PSA
BOSS	DS-2 Turbo Distortion	12mA	14mA	PSA
BOSS	DSD-2 Digital Sampler/Delay	55mA		PSA
BOSS	DSD-3 Digital Sampler/Delay	55mA		PSA
BOSS	EH-2 Enhancer	24mA	18mA	PSA
BOSS	EQ-20 Advanced Equalizer	120mA		PSA
BOSS	FT-2 Dynamic Filter	16mA		ACA 12V
BOSS	FZ-2 Hyper Fuzz	65mA !!!	13,5/14mA	PSA
BOSS	FZ-3 Fuzz	6mA	4mA	PSA
BOSS	GE-6 Equalizer	7mA		ACA 12V

BOSS	GE-7 Equalizer	7mA	7mA	ACA 12V
BOSS	GE-7B Bass Equalizer	16mA	16mA	ACA 12V
BOSS	GEB-7 Bass Equalizer	16mA	15mA	ACA/PSA
BOSS	GP-20 Amp Factory	85mA		PSA
BOSS	HF-2 Hi Band Flanger	18mA		ACA 12V
BOSS	HM-2 Heavy Metal	10mA		ACA 12V
BOSS	HM-3 Hyper Metal	12mA	10mA	PSA
BOSS	HR-2 Harmonist	75mA	67mA	PSA
BOSS	LM-2 Limiter	12mA		ACA 12V
BOSS	LM-2B Bass Limiter	16mA		?
BOSS	LMB-3 Bass Limiter Enhancer	17mA		PSA
BOSS	LS-2 Line Selector	25mA		PSA
BOSS	MD-2 Mega Distortion	?	12/13mA	PSA
BOSS	MT-2 Metal Zone	20mA	18mA	PSA
BOSS	MZ-2 Digital Metalizer	70mA		PSA
BOSS	NF-1 Noise Gate	4mA		ACA 12V
BOSS	NS-2 Noise Suppressor	20mA		PSA
BOSS	OC-2 Octave	4mA	4mA	ACA/PSA
BOSS	OC-20G Poly Octave	150mA		PSA
BOSS	OC-3 Super Octave	50mA	40mA	PSA
BOSS	OD-1 OverDrive	3,5mA	4/4,5mA	ACA 12V
BOSS	OD-2 Turbo Overdrive	10mA	10mA	ACA 12V
BOSS	OD-20 Drive Zone	85mA		PSA
BOSS	OD-2R Turbo Overdrive	16mA	13mA	PSA
BOSS	OD-3 Overdrive	9mA	6/8mA	PSA
BOSS	ODB-3 Bass Overdrive	15mA	13mA	PSA
BOSS	OS-2 Overdrive/Distortion	12mA	8mA	PSA
BOSS	PH-1 Phaser	?		ACA 12V
BOSS	PH-1R Phaser	11mA		ACA 12V
BOSS	PH-2 Super Phaser	20mA	17mA	PSA/ACA 12V ???
BOSS	PH-3 Phase Shifter	45mA max.		PSA
BOSS	PN-2 Tremolo/Pan	20mA	18mA	PSA
BOSS	PQ-3B Bass Parametric EQ	?		PSA
BOSS	PQ-4 Parametric EQ	?		PSA
BOSS	PS-2 Digital Pitch Shifter/Delay	55mA		PSA
BOSS	PS-3 Digital Pitch Shifter/Delay	70mA	64mA	PSA
BOSS	PS-5 Super Shifter	50mA		PSA
BOSS	PSM-5	13mA		PSA
BOSS	PW-10 V-Wah	?		PSA
BOSS	PW-2 Power Driver	15mA		PSA
BOSS	RC-20 Loop Station	?		PSA
BOSS	RV-2 Digital Reverb	100mA		PSA
BOSS	RV-3 Digital Reverb/Delay	70mA	67mA	PSA
BOSS	RV-5 Digital Reverb	40mA	40mA	PSA
BOSS	SD-1 Super Overdrive	4mA	4mA	ACA/PSA
BOSS	SD-2 Dual Overdrive	21mA	19mA	PSA
BOSS	SG-1 Slow Gear	?		ACA 12V
BOSS	SP-1 Spectrum	?		ACA 12V
BOSS	SYB-3 Bass Synthesizer	80mA	79mA	PSA
BOSS	TR-2 Tremolo	20mA	17mA	PSA
BOSS	TU-12/12H Chromatic Tuner	?		
BOSS	TU-2 Tuner	55mA		PSA
BOSS	TU-6 Tuner	?		PSA
BOSS	TU-70 Guitar & Bass Auto Tuner	13mA	27mA with backlight	PSA
BOSS	TU-8 Tuner	?		PSA
BOSS	TW-1 Touch Wah/T Wah	6mA		ACA 12V
BOSS	VB-2 Vibrato	14mA		ACA 12V
BOSS	WP-20G Wave Processor	150mA		PSA
BOSS	XT-2 Xtortion	15mA	14mA	PSA
Carl Martin	Boost Kick	5,25mA	14/9mA	9V DC
Carl Martin	Crunch Drive	5,25mA	16/11mA	9V DC
Carl Martin	Heavy Drive	5,25mA	16/11mA	9V DC
Carl Martin	Noise Terminator	5,25mA		9V DC

Carl Martin	Rock Drive	5,25mA	16/11mA	9V DC
Danelectro	Daddy-O		5/6mA	9V DC
Danelectro	DanEcho		38/38mA	9V DC
Danelectro	FabTone		10mA	9V DC
Danelectro	Fish & Chips EQ		17,8/19,5mA	9V DC
Danelectro	PB&J Delay		35,2mA	9V DC
Danelectro	Rocky Road (DJ-20)		19,9/21-24mA	9V DC
Danelectro	Tuna Melt Tremolo		10mA	9V DC
Dunlop/MXR	Dynacomp RI		11 mA	
Dunlop/MXR	GCB-95 CryBaby Wah		0,43/0,43 mA	
Electro-Harmonix	"Ram's head" version		8,2mA	
Electro-Harmonix	Black russian RI		4,2mA	
Electro-Harmonix	Green russian RI		5,1mA	
Electro-Harmonix	Holy Grail		225mA	
Electro-Harmonix	Model 3 (the "standard" Big Muff)		3,2mA	
Electro-Harmonix	NYC Reissue Big Muff		4,5mA	
Electro-Harmonix	Op-amp version, brown pcb (EH-3003)		3,2mA	
Electro-Harmonix	Op-amp version, green pcb (EH1322)		3,95mA	
Electro-Harmonix	Tan russian RI		4,9mA	
Electro-Harmonix	Triangle knob version		6mA	
Guyatone	BB-2 Bottom Blaster	10mA		
Guyatone	BE-2 Bottom Equalizer	14mA		
Guyatone	BL-2 Bottom Limiter	10mA		
Guyatone	BR-2 Bottom Wah Rocker	10mA		
Guyatone	FB-X Funky Box	160mA		12V DC
Guyatone	FL-3 Flanger	15mA		
Guyatone	HD-2 Harmonic Distortion	5mA		
Guyatone	MC-3 Micro Chorus	10mA		
Guyatone	MD-3 Micro Digital Delay	60mA		
Guyatone	ME-2 Micro Equalizer	10mA		
Guyatone	MM-X Metal Monster	160mA		12V DC
Guyatone	MT-3 Micro Tuner		22mA max.	
Guyatone	NR-2 Noise Reduction	25mA		
Guyatone	OD-2 Overdrive	6mA		
Guyatone	OD-X Overdrive	150mA		12V DC
Guyatone	PS-3 Phase Shifter	10mA		
Guyatone	SD-2 Sustainer D	10mA		
Guyatone	ST-2 Compressor/Sustainer	10mA		
Guyatone	SV-2 Slow Volume	20mA		
Guyatone	TD-X Tube Echo	?		12V DC
Guyatone	TZ-2 The Fuzz	6mA		
Guyatone	VT-3 Vintage Tremolo	10mA		
Guyatone	VT-X Vintage Tremolo	160mA		12V DC
Guyatone	WR-2 Wah Rocker	6mA		
Ibanez	AD-99 Analog Delay	26mA		
Ibanez	AW-7 Autowah	23mA		
Ibanez	CF-7 Chorus/Flanger	98mA		
Ibanez	CP-10 Compressor		4/5mA	
Ibanez	CS-9 Stereo Chorus		9,3/10,2mA	
Ibanez	DE-7 Delay/Echo		45mA	
Ibanez	DL-5 Digital Delay		44mA	
Ibanez	DML10 Digital Modulation Delay II		57,5/59mA	
Ibanez	DS-7 Distortion	11mA		
Ibanez	EM-5 Echo Machine		37,1/38,5mA	
Ibanez	FL-9 Flanger		7,5-8,5/8,6-10,1mA	
Ibanez	FZ-7 Fuzz	13mA		
Ibanez	LF-7 Lo Fi	23mA		
Ibanez	PH-7 Phaser		20mA	
Ibanez	SH-7 7th Heaven	14mA		
Ibanez	SM-7 Smash Box	14mA		
Ibanez	TS-10 Tube Screamer		7mA	
Ibanez	TS-5 Tubescreamer		10mA	
Ibanez	TS-7 Tube Screamer	8mA		

Ibanez	TS-9 DX Turbo Tube Screamer		7mA	
Ibanez	TS-9 Tube Screamer		6,8/7,5mA	
Ibanez	Tube King Compressor	160mA	146mA	
Marshall	BB-2 Bluesbreaker	8mA	6/8mA	9V DC
Marshall	ED-1 The Compressor	5mA	6/5mA	9V DC
Marshall	GV-2 Guv'nor	9mA	6/8mA	9V DC
Marshall	JH-1 Jackhammer	13mA	12/13mA	9V DC
Marshall	SV-1 Supervibe	19mA	22/23mA	9V DC
Marshall	VT-1 Vibratrem	16mA	16/18mA	9V DC
Maxon	AD80 Analog Delay		22mA	12V DC centre +
Maxon	AD-9 Analog Delay		19mA	
Maxon	AD-900 Analog Delay		28mA	
Maxon	AF-9 Auto Filter		17mA	
Maxon	CP101 Compressor		11mA	
Maxon	CS505 Stereo Chorus		23mA	
Maxon	CS-550 Stereo Chorus		21mA	
Maxon	CS-9Pro Stereo Chorus		26mA	
Maxon	D&S Distortion & Sustainer		6mA	
Maxon	D&S II Distortion & Sustainer II		7mA	
Maxon	DS-830 Distortion Master		8mA	
Maxon	FL301 Flanger		20mA	
Maxon	FL-9 Flanger		25mA	
Maxon	GE601 Graphic Equalizer		11mA	
Maxon	OD808 Overdrive		5mA	
Maxon	OD-820 Over Drive Pro		19mA	
Maxon	OD-9 Overdrive		6mA	
Maxon	PH-350 Rotary Phaser		41mA	
Maxon	PT999 Phase Tone		12mA	
Maxon	SD-9 Sonic Distortion		6mA	
Morley	ABY switch	1,2mA		
Morley	Bad Horsie Wah	12mA		
Morley	Emerald Echo		13mA	
Morley	Little Alligator Volume pedal	2,5mA		
Morley	Pro Series II Wah-Pwa II	5mA		
Morley	Pro Series Volume-PVO	2,5mA		
Morley	Pro Series Wah-Pwa	5mA		
Morley	Sapphire Flanger		17mA	
Nobels	AB1 A/B box	11mA		
Nobels	CH-D Digital Chorus	85mA		
Nobels	CO2 Compressor	9mA		
Nobels	DD-800 Digital Delay	100mA		
Nobels	DT-1 Distortion	11mA		
Nobels	DT-SN Distortion Special	22mA		
Nobels	DT-XN Distortion Xtreme	22mA		
Nobels	FU-Z Vintage Fuzz		15mA	
Nobels	ODR-1 Overdrive		11mA	
Nobels	ODR-B Bass Overdrive	15mA		
Nobels	ODR-S Overdrive Special	11mA		
Nobels	PH-D Phaser	15mA		
Nobels	PRE-1 Booster	11mA		
Nobels	TR-X Tremolo		15mA	
Pro Co.	BRAT	5,0mA		9V DC
Pro Co.	RAT 2	3,0mA		9V DC
Pro Co.	TurboRAT	7,8mA		9V DC
Pro Co.	Vintage RAT	0,8mA		9V DC
Rock-tron	Austin Gold Overdrive		17mA	9V DC
Rock-tron	Hush		9mA	9V DC
Rock-tron	Purple Haze Octavider		10mA	9V DC
Rock-tron	Rampage		16mA	9V DC
Rock-tron	The Surf Tremolo		29mA	9V DC
Rock-tron	Tsunami Chorus		16mA	9V DC
T-rex	Alberta		5/7mA	9V DC

T-rex	Comp-Nova		9/11mA	9V DC
T-rex	Dr. Swamp		???	9V DC
T-rex	Mudhoney		3/5mA	9V DC
T-rex	Tremster		4/8mA	9V DC
Vox	V810 Valve Tone		5,5/6,5mA	
Vox	V830 Distortion Booster	11mA		
Vox	V847 Wah	0,54mA		