



DogWatch R9 Receiver Collar Electrical Output

Maximum energy output	1.5 millijoules (1.5 mjoules)
Maximum peak voltage	6.5 Kvolts
Energy at 6000 volts (6 Kvolts)	1.3 mjoules

DogWatch R9 Receiver Settings

Level 7 (maximum setting)	1.5 mjoules *	(collars are almost never set to this level)
Level 2 (average setting)	0.5 mjoules	(this is the most frequently used level)
Level 1 (minimum setting)	<0.5 mjoules	

Other Static Discharges for Comparison

Carpet Shocks:

Spark threshold, visible in darkness	750V	0.04 mjoules
Doorknob spark, small snap, little pinprick	4 KV	1.2 mjoules
Bright spark, loud snap, noticeable 'shock'	7 KV	3.7 mjoules

TENS (Trans Electrical Nerve Stimulation)

Online information provided for a TENS machine made by Aleve

Maximum output 110 milliamps at 55 volts, or 6.05 milli Watts

We do not know how many pulses it sends out, so the joule delivery is unknown.

These machines generate a fairly high current to exercise or relieve muscle pain, so it can be assumed that they would likely produce 6 or more mjoules.

Taser – Tens of mjoules

Highest measured spark: Northshore Alaska winter, vinyl truck seat	35 KV	100 mjoules
VandeGraaff machine in a science lab for demonstrations	100 KV	500 mjoules

For additional information regarding the electrical output of DogWatch products, please contact:

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HIDDEN FENCES ■ INDOOR BOUNDARIES ■ TRAINING PRODUCTS

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