

IotaWatt model 4 Specifications

effective August 1, 2017

Size (HxWxL)	27x85x125 mm / 1.06x3.35x4.92 in
Weight	140 g / 4.9 oz
Power	
Nominal Voltage	5 vdc
Connector	micro USB
AC Reference Input	1
Nominal Voltage	9 to 12 VAC
Connector	5.5mm x 2mm
Resistance	13k ohms
AC voltage/power inputs	14
Nominal voltage	0 to 1 VAC rms
Connector	3.5mm stereo jack
Resistance	24 ohms
Temperature	
Operating	-10 to 50 °C / 15 to 122 °F
Storage	-20 to 60 °C / -4 to 140 °F
Battery	
Type	CR1220
Nominal Voltage	3V
Storage	
Type	Micro SDHC
Capacity	8 GB min
WiFi	IEEE 802.11 b/g/n – 2.4GHz

Tolerances:

USB Power	
Voltage	5 VDC +/- 5%
Ripple and Noise	300 mV p-p max
Power	<1W
AC Reference Input	
Absolute Maximum	15 VAC rms / 21 VAC p-p
Voltage/Power inputs	
Absolute Maximum	1.1 VAC rms / 1.5 VAC p-p
	45maAC rms