

Conversion Factors

W

To Convert	Into	Multiply By
watts	Btu/hr	3.4129
watts	Btu/min	0.05688
watts	ergs/sec	107
watts	foot-lbs/min	44.27
watts	foot-lbs/sec	0.7378
watts	horsepower	1.341×10^{-3}
watts	horsepower (metric)	1.360×10^{-3}
watts	kg-calories/min	0.01433
watts	kilowatts	0.001
Watts (Abs)	BTU (mean)/min	0.056884
Watts (Abs)	joules/sec	1.0
watt-hours	Btu	3.413
watt-hours	ergs	3.60×10^{10}
watt-hours	foot-pounds	2,656.0
watt-hours	gram-calories	859.85
watt-hours	horsepower-hrs	1.341×10^{-3}
watt-hours	kilogram-calories	0.8605
watt-hours	kilogram-meters	367.2
watt-hours	kilowatt-hrs	0.001
Watt (International)	Watt (absolute)	1.0002
webers	maxwells	10^8
webers	kilolines	10^5
webers/sq in	gausses	1.550×10^7
webers/sq in	lines/sq in	10^8
webers/sq in	webers/sq cm	0.1550
webers/sq in	webers/sq meter	1,550.0
webers/sq meter	gausses	10^4
webers/sq meter	lines/sq in	$6,452 \times 10^4$
webers/sq meter	webers/sq cm	10^{-4}
webers/sq meter	webers/sq in	6.452×10^{-4}