

Other Units Acceptable with SI

Symbol	Name	Quantity	Conversion
Bq	becquerel	decay rate or activity	$\frac{1}{s}$
C	coulomb	electric charge	$1 \text{ A} \cdot \text{s}$
°C	degree Celsius	temperature	1 K
dB	decibel	relative intensity (sound)	(unitless)
eV	electron volt	energy	$1.60 \times 10^{-19} \text{ J}$
F	farad	capacitance	$1 \frac{\text{A}^2 \cdot \text{s}^4}{\text{kg} \cdot \text{m}^2} = 1 \frac{\text{C}}{\text{V}}$
H	henry	inductance	$1 \frac{\text{kg} \cdot \text{m}^2}{\text{A}^2 \cdot \text{s}^2} = 1 \frac{\text{J}}{\text{A}^2}$
h	hour	time	$3.600 \times 10^3 \text{ s}$
Hz	hertz	frequency	$\frac{1}{s}$
J	joule	work and energy	$1 \frac{\text{kg} \cdot \text{m}^2}{\text{s}^2} = 1 \text{ N} \cdot \text{m}$
kW·h	kilowatt-hour	energy	$3.60 \times 10^6 \text{ J}$
L	liter	volume	10^{-3} m^3
min	minute	time	$6.0 \times 10^1 \text{ s}$
N	newton	force	$1 \frac{\text{kg} \cdot \text{m}}{\text{s}^2}$
Pa	pascal	pressure	$1 \frac{\text{kg}}{\text{m} \cdot \text{s}^2} = 1 \frac{\text{N}}{\text{m}^2}$
rad	radian	angular displacement	(unitless)
T	tesla	magnetic field strength	$1 \frac{\text{kg}}{\text{A} \cdot \text{s}^2} = 1 \frac{\text{N}}{\text{A} \cdot \text{m}} = 1 \frac{\text{V} \cdot \text{s}}{\text{m}^2}$
u	unified mass unit	mass (atomic masses)	$1.660\,538\,782 \times 10^{-27} \text{ kg}$
V	volt	electric potential difference	$1 \frac{\text{kg} \cdot \text{m}^2}{\text{A} \cdot \text{s}^3} = 1 \frac{\text{J}}{\text{C}}$
W	watt	power	$1 \frac{\text{kg} \cdot \text{m}^2}{\text{s}^3} = 1 \frac{\text{J}}{\text{s}}$
Ω	ohm	resistance	$1 \frac{\text{kg} \cdot \text{m}^2}{\text{A}^2 \cdot \text{s}^3} = 1 \frac{\text{V}}{\text{A}}$