



## Conversion Table: Energy

| Unit Name                                  | Relation to: joule [J] |
|--|------------------------|
| atomic unit of energy [Eh]                 | 4.359744E-18 [J]       |
| barrel of oil                              | 6.117863E+9 [J]        |
| BTU [59°F, British Thermal Unit]           | 1054.804 [J]           |
| BTU [international, British Thermal Unit]  | 1055.05585262 [J]      |
| BTU [ISO, British Thermal Unit]            | 1054.5 [J]             |
| BTU [mean, British Thermal Unit]           | 1055.87 [J]            |
| BTU [thermochemical, British Thermal Unit] | 1054.35026444 [J]      |
| calorie [cal][15°C]                        | 4.1852 [J]             |
| calorie [cal][20°C]                        | 4.182 [J]              |
| calorie [cal][international]               | 4.1868 [J]             |
| kilocalorie                                | 4186.8 [J]             |
| calorie [cal][international 1929]          | 4.18604651162791 [J]   |
| calorie [cal][international 1956]          | 4.1868 [J]             |
| calorie [cal][mean]                        | 4.19 [J]               |
| calorie [cal][thermochemical]              | 4.184 [J]              |
| celsius heat unit [CHU][thermochemical]    | 1899.100534716 [J]     |
| cubic foot of atmosphere                   | 2869.2044809344 [J]    |
| cubic foot of natural gas                  | 1.055056E+6 [J]        |
| cubic meter of atmosphere                  | 1.01325E-4 [J]         |
| cubic yard of atmosphere                   | 7.746852E+4 [J]        |
| electronvolt [eV]                          | 1.602176E-19 [J]       |
| erg [erg][CGS]                             | 1E-7 [J]               |
| foot pound [ft lbf]                        | 1.3558179483314 [J]    |
| foot-pound force [ft lbf]                  | 1.3558179483314 [J]    |
| foot-poundal [ft pdl]                      | 0.0421401100938048 [J] |
| gallon atmosphere [gal atm][imperial]      | 460.63256925 [J]       |
| gallon atmosphere [gal atm][US]            | 383.5568490138 [J]     |
| hartree [Eh]                               | 4.359744E-18 [J]       |
| horsepower hour [hp h]                     | 2.647796E+6 [J]        |
| inch-pound force [in lbf]                  | 0.112984829027617 [J]  |
| joule [J]                                  | 1 [J]                  |
| millijoule                                 | 0.001 [J]              |
| kilojoule                                  | 1000 [J]               |
| megajoule                                  | 1E+6 [J]               |



# SmartConversion

Category: Energy

Provided by: Smart Conversion

URL: <http://www.smartconversion.com>

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|                          |                  |
|--------------------------|------------------|
| large calorie [Gcal]     | 4186.8 [J]       |
| liter atmosphere [l atm] | 101.325 [J]      |
| quad                     | 1.05435E+18 [J]  |
| rydberg [Ry]             | 2.179872E-18 [J] |
| therm [EC]               | 1.05435E+8 [J]   |
| therm [US]               | 1.054804E+8 [J]  |
| thermie                  | 4.1868E+6 [J]    |
| ton of coal              | 2.9288E+10 [J]   |
| ton of oil               | 4.184E+10 [J]    |
| ton of tnt [tTNT]        | 4.184E+9 [J]     |
| watt hour [Wh]           | 3600 [J]         |

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