

All units in energy

Edit any value and every other unit updates instantly.

METRIC · 9 units		▲
terawatt hour TWh	TO UNIT	0.000000001000
gigawatt hour GWh		0.000001000
megawatt hour MWh		0.001000
kilowatt hour kWh	FROM ⓘ	1.000
megajoule MJ		3.600
kilojoule kJ		3 600
watt second Ws		3 600 000
joule J ⓘ		3 600 000
electronvolt eV ⓘ		22 469 432 668 058 746 000 000 000
BRITISH / AMERICAN · 4 units		▲
quad quad		0.0000000000003412
therm therm		0.03412
british thermal unit BTU ⓘ		3 412
foot-pound ft×lb		2 655 224
COMMON UNITS · 2 units		▼
kilocalorie kcal ⓘ		860.4
calorie cal ⓘ		860 421

Conversion table from kilowatt hour to joule

KILOWATT HOUR	JOULE
0	0
1.000	3 600 000
2.000	7 200 000
3.000	10 800 000
4.000	14 400 000
5.000	18 000 000
6.000	21 600 000
7.000	25 200 000
8.000	28 800 000
9.000	32 400 000
10.00	36 000 000
11.00	39 600 000
12.00	43 200 000
13.00	46 800 000
14.00	50 400 000
15.00	54 000 000
16.00	57 600 000
17.00	61 200 000
18.00	64 800 000
19.00	68 400 000
20.00	72 000 000
21.00	75 600 000

KILOWATT HOUR	JOULE
22.00	79 200 000
23.00	82 800 000
24.00	86 400 000
25.00	90 000 000
26.00	93 600 000
27.00	97 200 000
28.00	100 800 000
29.00	104 400 000

Conversion table from kilowatt hour to kilojoule

KILOWATT HOUR	KILOJOULE
0	0
1.000	3 600
2.000	7 200
3.000	10 800
4.000	14 400
5.000	18 000
6.000	21 600
7.000	25 200
8.000	28 800
9.000	32 400
10.00	36 000
11.00	39 600
12.00	43 200
13.00	46 800
14.00	50 400
15.00	54 000
16.00	57 600
17.00	61 200
18.00	64 800
19.00	68 400
20.00	72 000
21.00	75 600

KILOWATT HOUR	KILOJOULE
22.00	79 200
23.00	82 800
24.00	86 400
25.00	90 000
26.00	93 600
27.00	97 200
28.00	100 800
29.00	104 400