

Minimum efficiency table for 60 Hz defined in IEC/EN 60034-30-1:2014, IEC 60034-2-1:2014

Output kW	IE1 STANDARD EFFICIENCY				IE2 HIGH EFFICIENCY				IE3 PREMIUM EFFICIENCY				IE4 SUPER PREMIUM EFFICIENCY			
	2 pole	4 pole	6 pole	8 pole	2 pole	4 pole	6 pole	8 pole	2 pole	4 pole	6 pole	8 pole	2 pole	4 pole	6 pole	8 pole
0.12	57.5	62.0	48.0	36.0	59.5	64.0	50.5	40.0	62.0	66.0	64.0	59.5	66.0	70.0	68.0	64.0
0.18	62.0	66.0	52.5	40.0	64.0	68.0	55.0	46.0	65.6	69.5	67.5	64.0	70.0	74.0	72.0	68.0
0.25	64.0	68.0	57.5	50.5	68.0	70.0	59.5	52.0	69.5	73.4	71.4	68.0	74.0	77.0	75.5	72.0
0.37	70.0	70.0	62.0	57.5	72.0	72.0	64.0	58.0	73.4	78.2	75.3	72.0	77.0	81.5	78.5	75.5
0.55	72.0	74.0	66.0	59.5	74.0	75.5	68.0	62.0	76.8	81.1	81.7	74.0	80.0	84.0	82.5	77.0
0.75	74.0	77.0	72.0	64.0	75.5	78.0	73.0	66.0	77.0	83.5	82.5	75.5	82.5	85.5	84.0	78.5
1.1	78.5	79.0	75.0	73.5	82.5	84.0	85.5	75.5	84.0	86.5	87.5	78.5	85.5	87.5	88.5	81.5
1.5	81.0	81.5	77.0	77.0	84.0	84.0	86.5	82.5	85.5	86.5	88.5	84.0	86.5	88.5	89.5	85.5
2.2	81.5	83.0	78.5	78.0	85.5	87.5	87.5	84.0	86.5	89.5	89.5	85.5	88.5	91.0	90.2	87.5
3.7	84.5	85.0	83.5	80.0	87.5	87.5	87.5	85.5	88.5	89.5	89.5	86.5	89.5	91.0	90.2	88.5
5.5	86.0	87.0	85.0	84.0	88.5	89.5	89.5	85.5	89.5	91.7	91.0	86.5	90.2	92.4	91.7	88.5
7.5	87.5	87.5	86.0	85.0	89.5	89.5	89.5	88.5	90.2	91.7	91.0	89.5	91.7	92.4	92.4	91.0
11	87.5	88.5	89.0	87.5	90.2	91.0	90.2	88.5	91.0	92.4	91.7	89.5	92.4	93.6	93.0	91.0
15	88.5	89.5	89.5	88.5	90.2	91.0	90.2	89.5	91.0	93.0	91.7	90.2	92.4	94.1	93.0	91.7
18.5	89.5	90.5	90.2	88.5	91.0	92.4	91.7	89.5	91.7	93.6	93.0	90.2	93.0	94.5	94.1	91.7
22	89.5	91.0	91.0	90.2	91.0	92.4	91.7	91.0	91.7	93.6	93.0	91.7	93.0	94.5	94.1	93.0
30	90.2	91.7	91.7	90.2	91.7	93.0	93.0	91.0	92.4	94.1	94.1	91.7	93.6	95.0	95.0	93.0
37	91.5	92.4	91.7	91.0	92.4	93.0	93.0	91.7	93.0	94.5	94.1	92.4	94.1	95.4	95.0	93.6
45	91.7	93.0	91.7	91.0	93.0	93.6	93.6	91.7	93.6	95.0	94.5	92.4	94.5	95.4	95.4	93.6
55	92.4	93.0	92.1	91.5	93.0	94.1	93.6	93.0	93.6	95.4	94.5	93.6	94.5	95.8	95.4	94.5
75	93.0	93.2	93.0	92.0	93.6	94.5	94.1	93.0	94.1	95.4	95.0	93.6	95.0	96.2	95.8	94.5
90	93.0	93.2	93.0	92.5	94.5	94.5	94.1	93.6	95.0	95.4	95.0	94.1	95.4	96.2	95.8	95.0
110	93.0	93.5	94.1	92.5	94.5	95.0	95.0	93.6	95.0	95.8	95.8	94.1	95.4	96.2	96.2	95.0
150	94.1	94.5	94.1	92.5	95.0	95.0	95.0	93.6	95.4	96.2	95.8	94.5	95.8	96.5	96.2	95.4
185	94.1	94.5	94.1	92.5	95.4	95.0	95.0	93.6	95.8	96.2	95.8	95.0	96.2	96.5	96.2	95.4
220	94.1	94.5	94.1	92.5	95.4	95.4	95.0	93.6	95.8	96.2	95.8	95.0	96.2	96.8	96.5	95.4
250	94.1	94.5	94.1	92.5	95.4	95.4	95.0	93.6	95.8	96.2	95.8	95.0	96.2	96.8	96.5	95.8
335	94.1	94.5	94.1	92.5	95.4	95.4	95.0	93.6	95.8	96.2	95.8	95.0	96.2	96.8	96.5	95.8
375 up to 1000	94.1	94.5	94.1	92.5	95.4	95.8	95.0	94.1	95.8	96.2	95.8	95.0	96.2	96.8	96.5	95.8

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