



# Solar inverter cost per kw

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Here are some approximate price ranges for different types of solar inverters:

Solar inverters for a medium-sized setup typically range from \$1,000 to \$1,500. However, the cost can increase significantly with larger installations.

These costs can change based on market conditions, installation size, and specific inverter technology.

**Percentage of Total Installation Cost:** Generally, the inverter makes up about 6% of the total cost of a solar installation. With an average installation cost at \$3.63 per watt, the inverter cost at \$0.28 per watt aligns with this percentage.

If the cost of your solar inverter represents more than 8% to 11% of the total installation cost, it's advisable to discuss this with your installer.

### Example Calculation for 6 kW Installation:

At the average rate of \$0.28 per watt, an inverter for a 6 kW system would cost around \$1,100.

If the inverter is priced at the higher end (\$0.50 per watt), the cost for the same system would be about \$1,650.

Each type of inverter has its advantages and is suited for different solar system configurations.

The choice depends on various factors such as the size of the installation, specific energy needs, and environmental conditions.

When selecting an inverter, it's important to consider not just the upfront cost but also the long-term benefits and efficiency of the system.

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