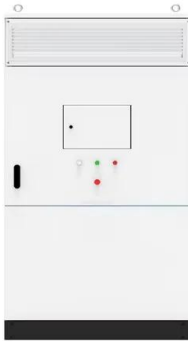


Silicon Carbide for Photovoltaic Inverters





Silicon Carbide for Photovoltaic Inverters



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Using Wolfspeed Silicon Carbide in your inverter can significantly improve efficiency and drastically increase switching frequency resulting in smaller, lighter, lower cost systems.

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Katek, a German PV inverter manufacturer, says its 4.6 kW coolcept fleX inverter features silicon carbide (SiC) semiconductors from US-based Navitas Semiconductor.

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Photovoltaic inverters based on SiC-MOS materials can increase conversion efficiency from 96% to over 99%, reduce energy loss by more than 50%, and extend the device cycle life by 50 times.

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