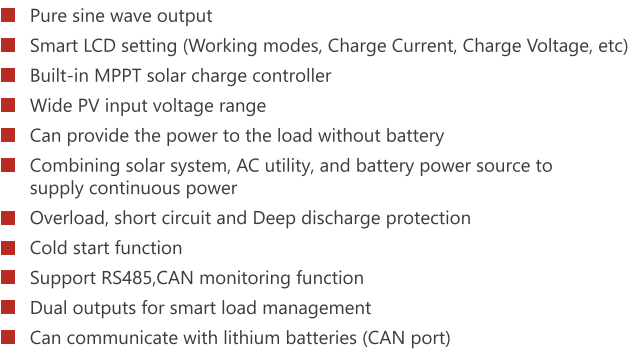




PV1800 ECO is a multi-function inverter/charger, combining functions of inverter, MPPT solar charger and battery charger to offer uninterruptible power support in portable size. PV1800 ECO Series can run without battery. The Maximum PV input voltage can reach 400V/450V/500V, which can help customers make full use of solar energy.



The diagram illustrates a hybrid solar inverter system. On the left, three power sources are shown: a Solar Panel (labeled 'Solar Panel'), a Utility grid (labeled 'Utility'), and a Generator (labeled 'Generator'). Arrows indicate their connections to a central 'HEGEL Solar Inverter' (labeled 'Inverter'). The Solar Panel connects via 'PV input', the Utility grid via 'AC Input', and the Generator via 'BAT input' (which also connects to a 'Battery' unit). The inverter has two output lines: 'Main Load' and 'Second Load'. The 'Main Load' line connects to a Fridge, Lighting, and Fans. The 'Second Load' line connects to a TV, Air conditioner, and Washing machine.

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