



EQUIPMENTS  
MACHINES UAE

Email : sales@equipmentsmachinesuae.com

**Product Name :**  
Off-Grid Solar Power Plant

**Product Code :**  
SOLP0002



**Description :**

Off-Grid Solar Power Plant

**Technical Specification :**

Off-Grid Solar Power Plant

**Off-Grid System (Solar+Battery):**

Off Grid systems are typically used in remote applications where utility power is not available. It is independent from the utility grid. Solar power generated is stored in batteries for use after sundown, a generator can also be used for back-up. The off grid inverter is a three-in-one system, integrating the controlling of battery charging/discharging, inverting and load dumping.

**Off-the-grid** is a system and lifestyle designed to help people function without the support of remote infrastructure, such as an electrical grid. In electricity, off-grid can be stand-alone power system or mini-grids typically to provide a smaller community with electricity. Off-grid electrification is an approach to access electricity used in countries and areas with little access to electricity, due to scattered or distant population. The term **off-the-grid (OTG)** can refer to living in a self-sufficient manner without reliance on one or more public utilities. People who adopt this lifestyle are called off-gridders.



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