



Arab Academy for Science, Technology and Maritime Transport

College of Engineering and Technology

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Irrigation system combined with solar panel

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DECLARATION

Solar-powered water pumping systems can find application in town water supply, livestock watering and irrigation. Solar-powered irrigation system is an application of solar-powered water pumping system used in paddy fields, gardens for watering the plants, vegetables, etc.

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Abstract

Cost effective solar power can be the answer for all our energy needs. Solar powered smart irrigation systems are the answer to the Egyptian farmer. This system consists of solar powered water pump. It is the proposed solution for the present energy crisis for the Egyptian farmers. This system conserves electricity by reducing the usage of grid power and conserves water by reducing water losses.

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