

A device for autonomous power supply of lighting lamps has a block for conversion of mechanical energy to electric energy with electric generator connected to it, this is mounted in the block for conversion of energy of sun rays to mechanical energy through heat, with vertical tube with cross section changing in height. The tube has transparent surface and surface made of material with the largest degree of absorption of sun rays with reaming in the upper and the lower section and with narrowing in the middle section of the tube, with blades of windmill in the narrowest middle section of the tube, bottom of sun rays energy absorption in the lower part of the tube and heating element in the lower part of the tube. The upper part of the tube is taken out of wind pressure zone. Its lower part with mounted heating element is installed in the premises of the building.