

(54) Title of the invention : SYSTEM AND DEVICE FOR MOBILE CHARGER BASED ON SOLAR ENERGY

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(57) Abstract :  
 The present invention relates to Solar Mobile Charger (SmC) module, more particularly, to a system and device for mobile charger based on solar energy. The system incorporates Solar mobile Charger (SmC) (102) module comprises of a Solar Panel (SP) (104) operatively coupled with Circuit design (106), wherein the said circuit design comprises one or more resistor(s), one or more capacitor(s), one or more Transistor(s), one or more PN Junction Diode(s), one or more Zener Diode(s), one or more Light Emitting Diode(s) (LEDs), and a plurality of USB ports (220). The Solar Panel (SP) (104) connected with Circuit design (106) for design and development of Solar mobile Charger (SmC) (102) based on Solar energy (Se) reusability where Solar Panel connected with plurality of ports to charge one or more smart devices and prevents individual pin wire breakage, main wire breakage, or twisting wire.

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