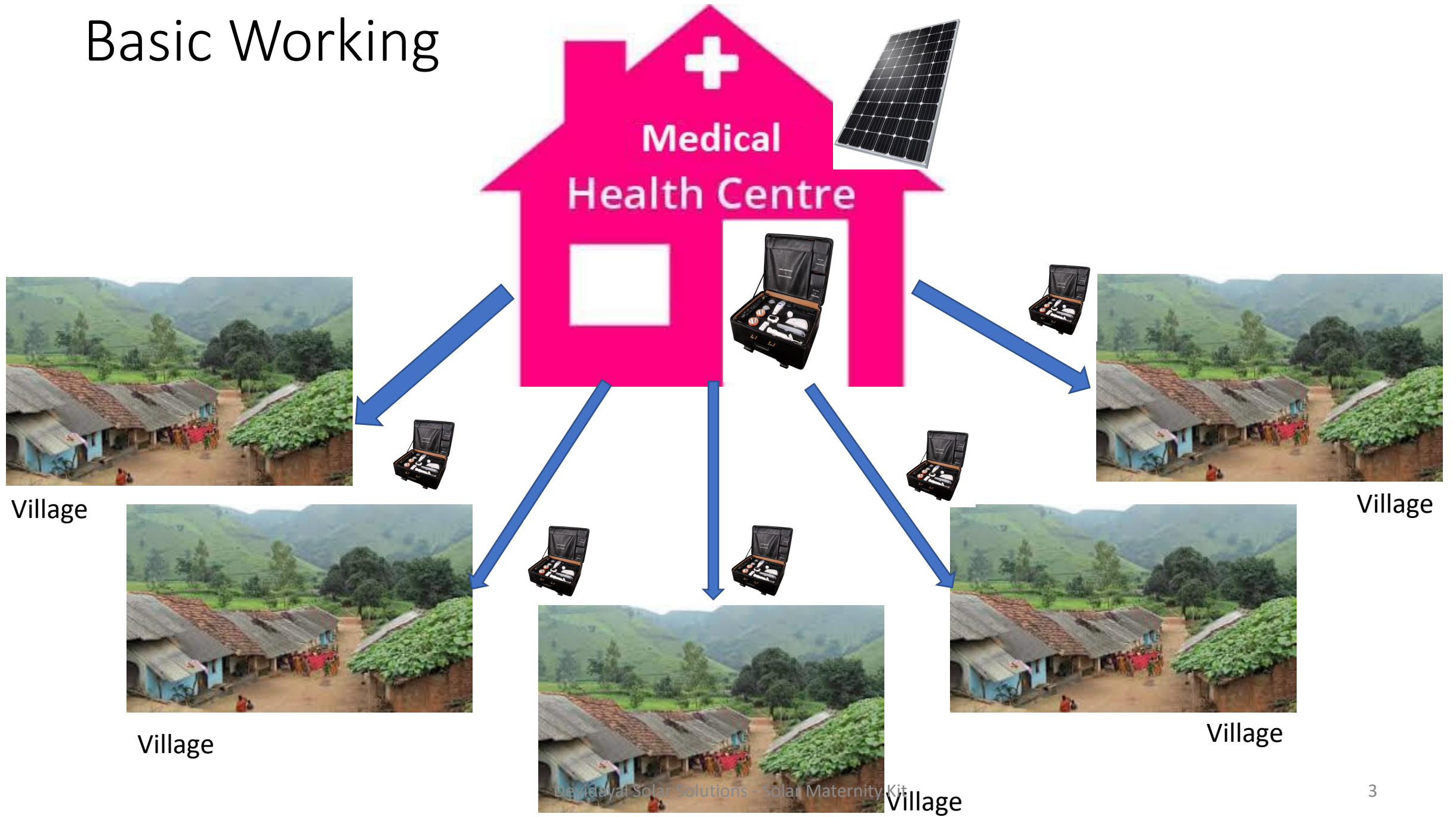


How To Use

- Solar Maternity Kit has 8 important Medical Equipment along with Solar Panel, Battery Pack, MPPT Charge Controller Unit (CCU) and respective Chargers to charge the Equipment
- Battery Pack is fully charged during halt at Medical Centers using Solar Panel and MPPT CCU (Refer Slide No – 5,6)
- Once the Battery Pack is charged it is placed inside the Maternity Kit at its allocated position and the Kit is Hand carried or Back strapped and carried to the near by Villages (Refer Slide No – 3,4)
- Equipment and Head lamps, when indicated for Low Battery – can be recharged from the Battery Pack using different Charging Wires from their respective ports provided along with Kit (Refer Slide No – 7,8)
- Extra USB Port provided to charge Mobile etc. (Refer Slide No – 8)

Basic Working



Village

Village

Village

Village

How to Carry the Maternity Kit to Villages



Hand Carried – Using Handle



Provision of Back Strap and carry

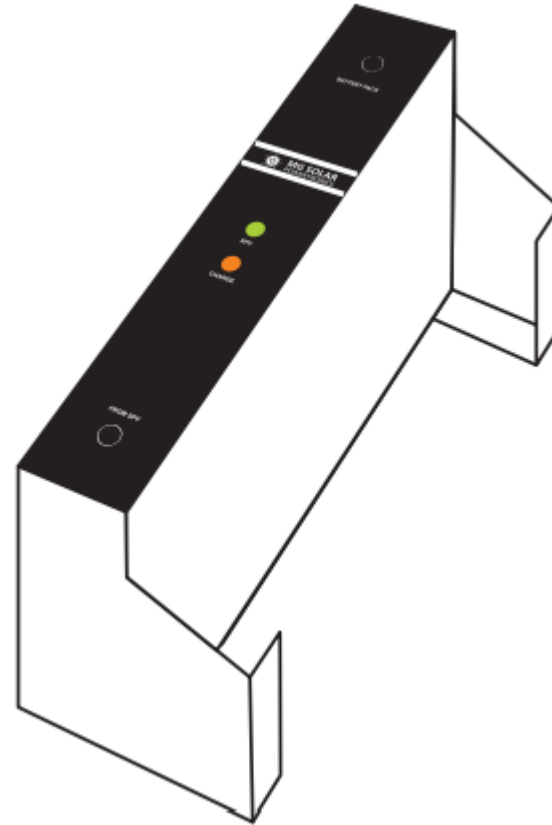
Main Charging Components – Battery Pack can be charged at the Medical Centre using 75Wp Solar Panel



Solar Maternity Kit



LiFePO4
Battery Pack
(with charging-
discharging
Ports)

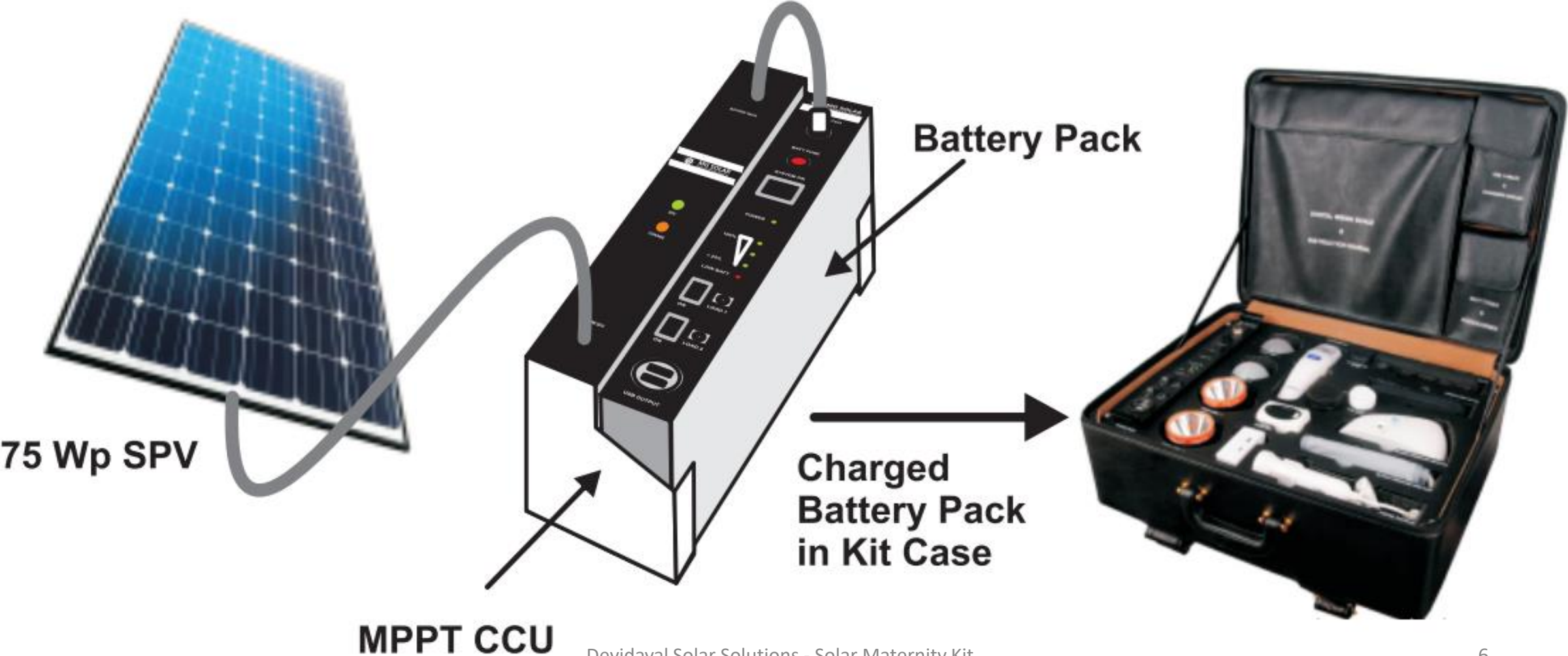


MPPT Charging
Controller Unit, CCU
- Deck (inside the
Case)



75Wp Solar Panel

Charging Process (at Medical Centre before going to Villages)



Charge Equipment – at Village / Rural Site



Battery Pack with Ports



3mm DC Pin



Headlights for Doctors to be used during treatment/checkup. Headlights have in-built battery, which, once discharged can be recharged from the battery pack



Lamps to Light up from Battery Pack using DC Pin Cable in the dark while visit in Rural areas

Charge Equipment – at Village / Rural Site



AA & AAA Charger



Pulse Oximeter



Blood Pressure Monitor



IR Thermometer



Digital Weigh Scale



USB to Micro



Foetal Doppler



USB to Micro, C & iPhone





Thank You

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