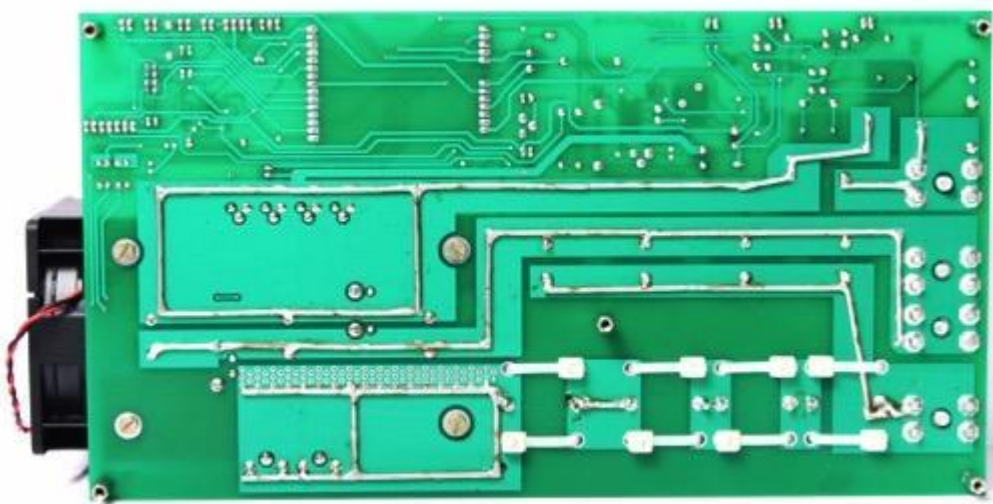


## Econo-MPPT up to 5KVA

MEDI's Econo-MPPT up to 5KVA is targeted at incorporating all the features needed while also keeping cost in mind.



**TOP VIEW**



**BOTTOM VIEW**

Approximate BOM of 5KVA Econo-MPPT = Rs.3500 (including DSP module)  
DSP module cost = Rs.650

### Features

- MPPT up to 5KVA, 12V to 96V
- Maximum VOC 200V
- Temperature compensated battery charging
- Current limiting when battery reaches full charge
- Auto-selection for panel VOC and number of batteries from 12V to 96V
- Wide range SMPS, working range 17V to 200V; hold range 14V to 200V
- Standby power at night time is less than 10mA
- Dusk to dawn feature included
- Additional relay drive for mains disconnection for solar priority when using with other brand inverters
- Hardware and software cut-off during short circuit /overload
- Temperature sensing for heatsink and automatic fan control. Auto cut off in case of fan failure.
- LCD to display panel voltage, panel current, battery voltage, battery current, total KWH
- Data communication with Wifi, Android and web upload and wired communication with external device

Technology transfer cost of Econo-MPPT up to 5KVA is Rs.2,00,000

Taxes extra as applicable.