

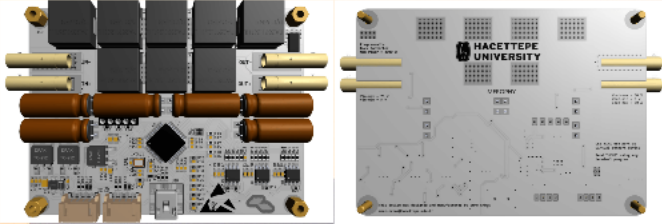


MEROPHY | SOLAR POWERED UNMANNED AERIAL VEHICLE

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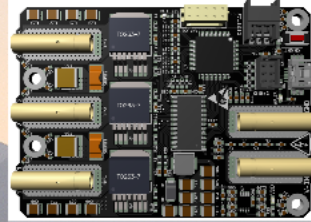
INTRODUCTION : LOW ARRIVAL UNINTERRUPTED SOLAR
POWERED AUTONOMOUS DISCOVERY UNMANNED AERIAL VEHICLE

MAXIMUM POWER POINT TRACKER

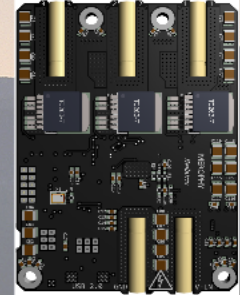


- Optimum Power Supply
- Up to 4 kW Output

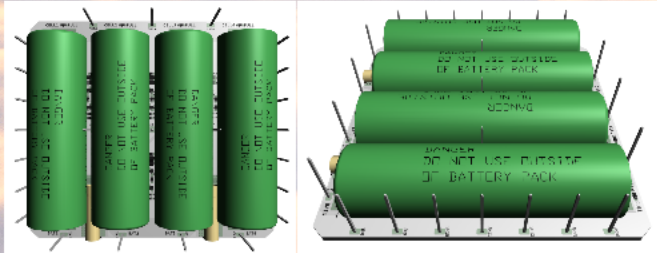
BLDC MOTOR DRIVER



- %100 Duty Cycle PWM
- Sensorless Driver
- Wide Speed Range

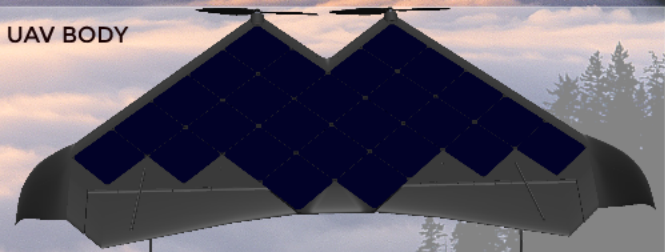


BATTERY MANAGEMENT



- Over-voltage Protection
- Very Low Power Consumption

UAV BODY



- Composed of FR-4 PCB Material
- Very Low Power Consumption
- Removable Top and Bottom Parts
- Able to carry 10 times its own weight

TRANSCEIVER

- 10Mbps
- 3KM range

