

HyperMesh Transactive Energy System

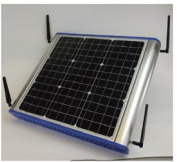


Spectrum Blockchain uses Photon Payment network, which supports Token payment and IoT Data transfer simultaneously.

MeshBoxes with blockchain, compute and storage.

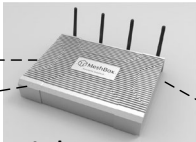


Outdoor MeshBox++
Battery and Solar IP68 and IP67

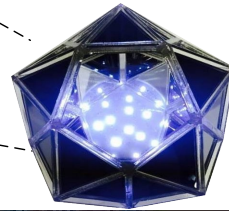


LoRaWAN Access Point

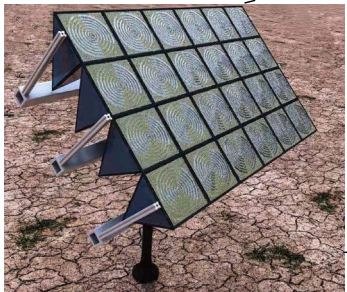
Connecting a wide variety of IoT devices and 3d Solar Panels



Indoor MeshBoxes
Wifi Routers



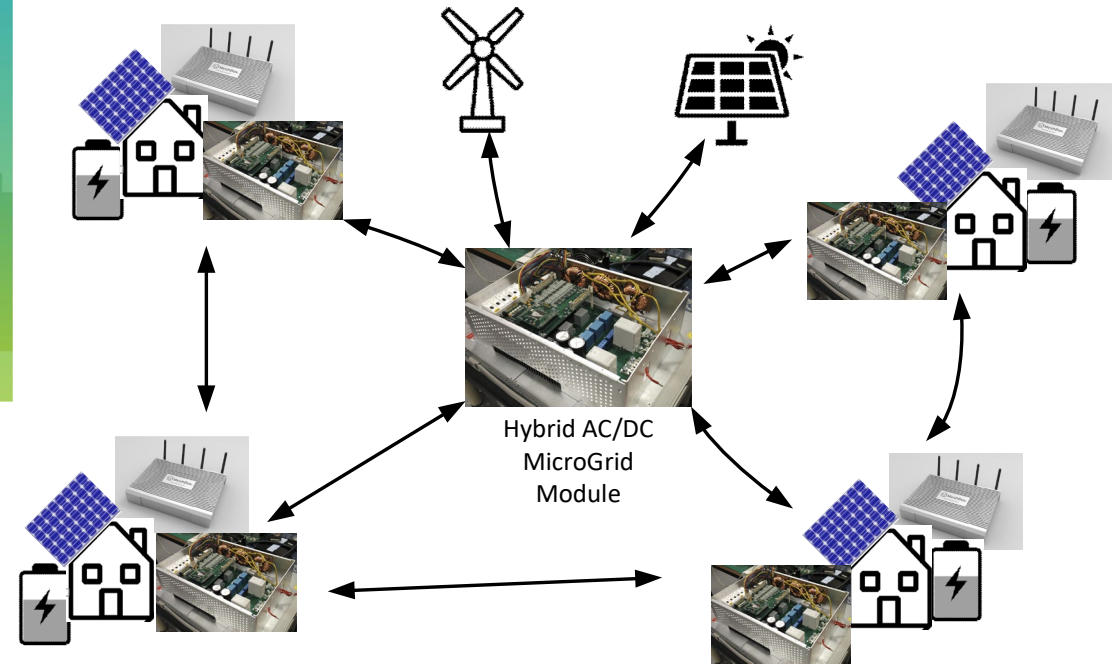
3D Solar PV



Solar Arrays

Wind, PM2.5
PM10, TSP
monitoring

Smoke, Fire,
Temperature
Detector



- Electric Power System → Transactive Energy
 - T3DP 3D Solar PV
 - Atom Power Digital Circuit Breakers
- Communications → IoT LoRa, MeshBox, Satellites
 - Mendix IoT, Beijing GTI IoT
 - On-line and Off-line functions
- Centralized Billing → Decentralized SmartMesh Blockchain
 - On-Chain Spectrum Blockchain & SmartContracts
 - Off-Chain Photon Payment Network