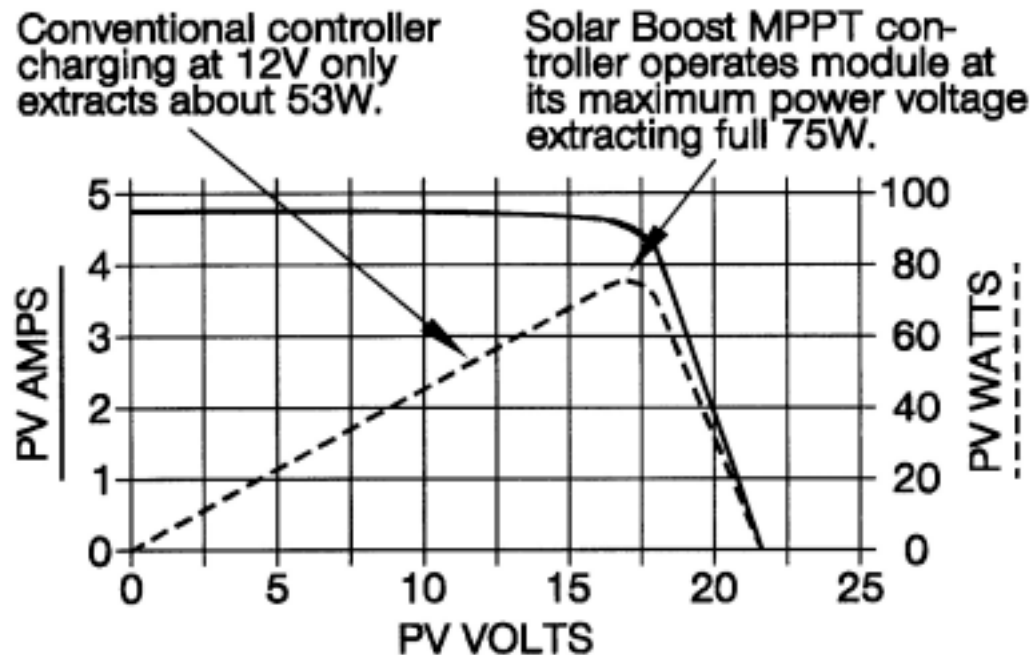


What Is MPPT & How Does It Work?

- ❖ Typical 75W PV module power; 25°C cell - 1000W/m²



- ❖ High efficiency power conversion reduces higher PV voltage to battery voltage at the output, increasing battery charge current
 - Output during MPPT is constant power
 - Output current can be approximated; $I_{out} = 97\% \times (V_{pv} \times I_{pv}) \div V_{bat}$