

MPPT75-80

PV-MPPT-75

300Wp Single PV MPPT Charge Controller

MPPT75-80 High Quality MPPT charge controller and LED driver

75V Maximum PV open circuit Voltage
300Wp Maximum Power

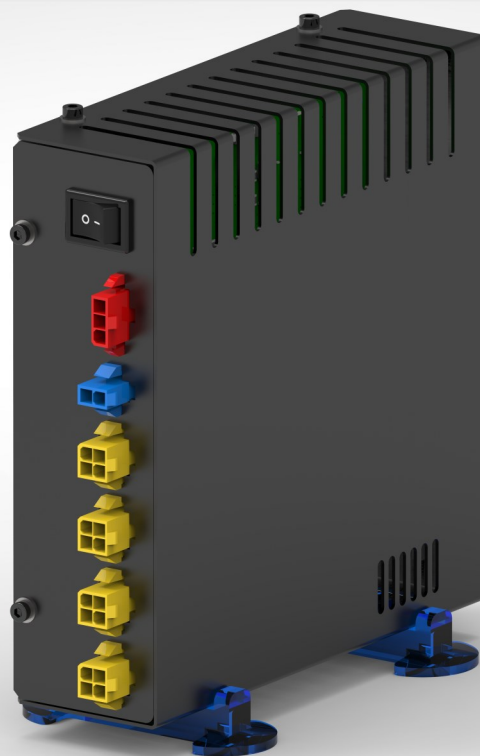
Replacement of PWM charge controllers

Suitable for: Lithium Battery technology

Next Generation Switching

Natural Cooling

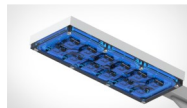
Constant Current LED output



MECHANICAL

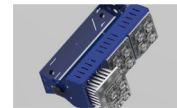
Metal enclosure with external fast connections to:

RED—Battery Connection
Blue—PV Connection
Yellow—LED Connection



LED OUTPUT DRIVER

Build in Constant Current driver for LED lights.
Four (4) parallel connected LED light up to a maximum of 25W can be connected



PV POWER

Accept PV power from solar panel.
Maximum of 300Wp with an open circuit voltage of 50V

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Designed System Performance



DC input Range	16V—75V
Maximum Transfer Watts (MPPT)	300W
Maximum Solar Panel	300Wp
Battery Chemistry	GEL, AGM or Lithium
Efficiency	98%
IP Rating	IP21
Mechanical Connections	4Way Solar, 4Way PV, 2Way LED
LED output Drive	Constant Current 25W
Charging Algorithm	Pure Maximum Power point tracking