

Choosing the Correct Charge Controller

OFFGRID SOLAR DIY PROJECT

Details:

A - Solar Panel total watts = 1,800W (Future plan to increase to 3,000W)

B1 - 12V 75amp NZ70Z Battery's x 16 - Connected as 24V or 48V

B2 - 12V 120amp Long Battery's x 2 - As Above

C - 24V Sinewave 3000W or 5000W Inverter

Question:

What is the effective compatible Amperage MPPT Solar Charge Controller to purchase for the above listed project items?

Example:

- 100amp Dual 12V/24V,
- 150amp Dual 24V / 48V - (seeking the most effective / safe choice)
- 200amp 24V / 48V - (Seeking the most effective / safe choice)
- Higher Amperage if correctly advised.

Humbly await a prompt informative advice on above

Respectfully.

Joseph Chong

Email – stlmn_chong@yahoo.com