

## D.E.I Solar Calculation Report

inverter\_size: 10418.60 W

battery\_count: 12

panel\_count: 2

charger\_controller: 32.50 A

battery\_setup: 1 in series, 11 in parallel

system\_voltage: 12V

total\_energy\_demand: 89600.00 Wh

battery\_bank\_energy\_capacity: 141552.00 Wh

daily\_solar\_energy\_generation\_needed: 280000.00 Wh/day

solar\_panel\_array\_power: 390.00 W

expected\_system\_losses: 85120.00 Wh

maximum\_load\_capacity: 4480.00 W