

D.E.I Solar Calculation Report

inverter_size: 4658.24 W

battery_count: 8

panel_count: 1

charger_controller: 1.38 A

battery_setup: 4 in series, 1 in parallel

system_voltage: 48V

total_energy_demand: 50868.00 Wh

battery_bank_energy_capacity: 79776.00 Wh

daily_solar_energy_generation_needed: 254340.00 Wh/day

solar_panel_array_power: 66.00 W

expected_system_losses: 46629.00 Wh

maximum_load_capacity: 4239.00 W