

D.E.I Solar Calculation Report

inverter_size: 13782.81 W

battery_count: 36

panel_count: 1

charger_controller: 14.33 A

battery_setup: 2 in series, 17 in parallel

system_voltage: 24V

total_energy_demand: 185241.00 Wh

battery_bank_energy_capacity: 220320.00 Wh

daily_solar_energy_generation_needed: 487476.32 Wh/day

solar_panel_array_power: 344.00 W

expected_system_losses: 176420.00 Wh

maximum_load_capacity: 8821.00 W