

D.E.I Solar Calculation Report

inverter_size: 12959.21 W

battery_count: 220

panel_count: 2

charger_controller: 15.58 A

battery_setup: 2 in series, 110 in parallel

system_voltage: 24V

total_energy_demand: 177282.00 Wh

battery_bank_energy_capacity: 208560.00 Wh

daily_solar_energy_generation_needed: 216197.56 Wh/day

solar_panel_array_power: 374.00 W

expected_system_losses: 167433.00 Wh

maximum_load_capacity: 9849.00 W