

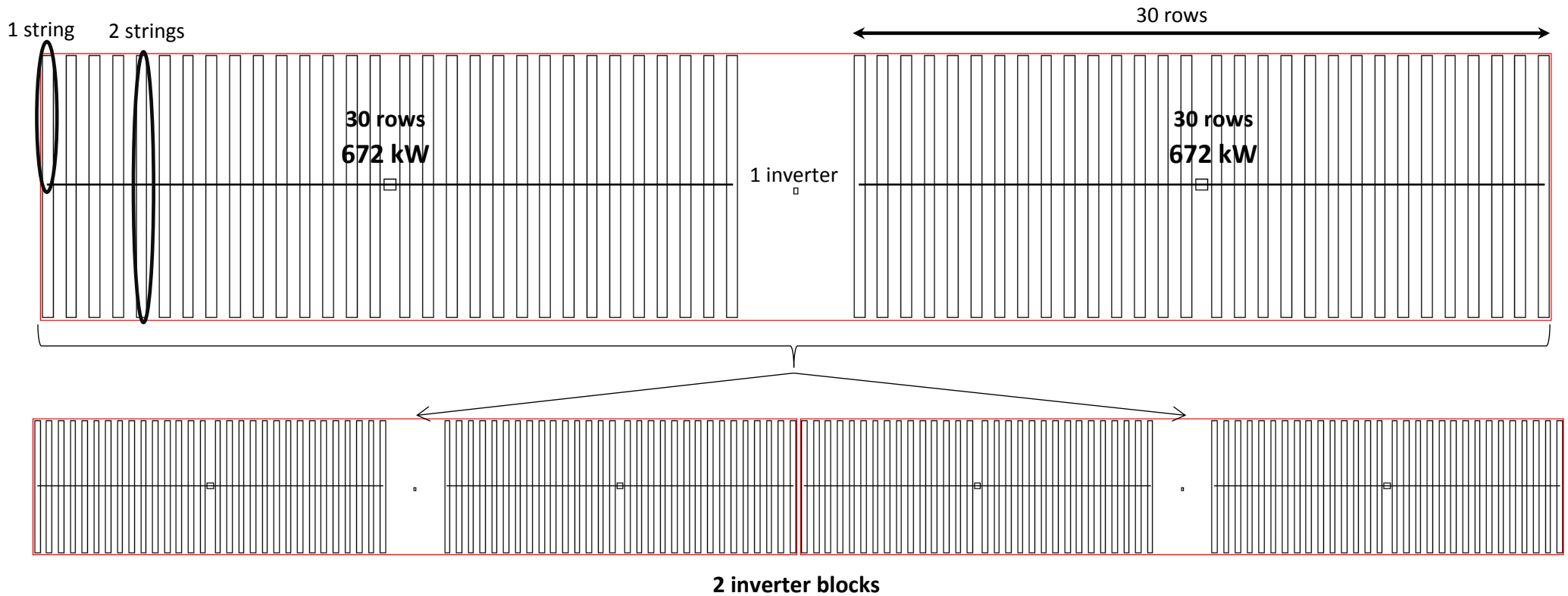
Each string has 20 modules, 310w each

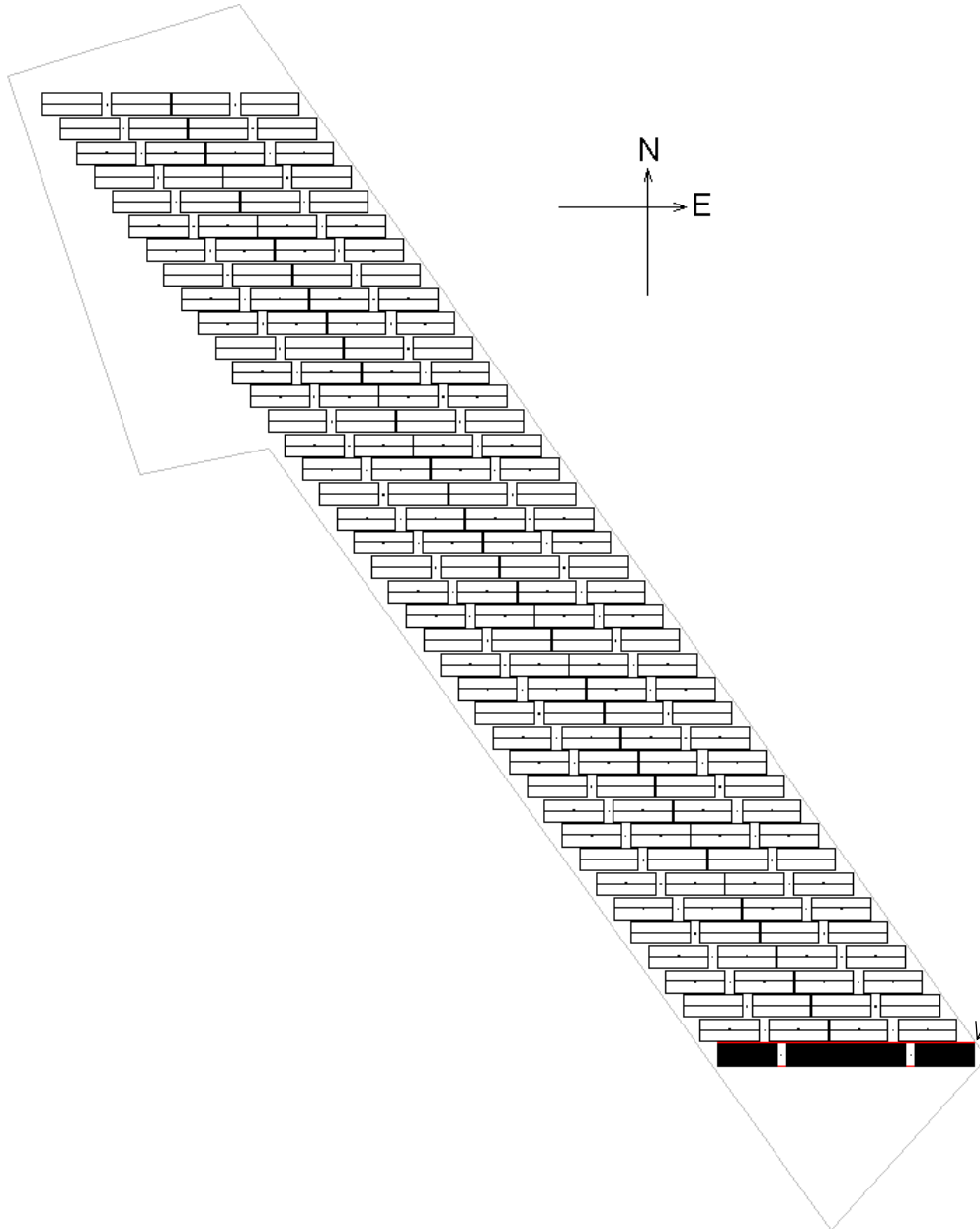
Each Row as 2 strings

30 rows per tracker block. Total rating of a single tracker block is $20 * 2 * 30 * 0.310 = 372 \text{ kW}$

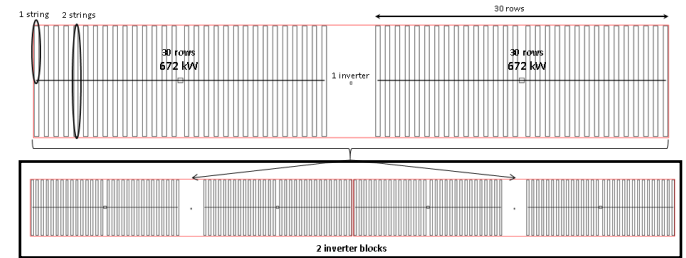
2 tracker blocks per 630kW inverter. D.C. Rating per inverter = $372\text{kW} * 2 = 744 \text{ kW}$

AC:DC ratio = $744 / 630 = 1.18$





Each tracker is 372 kW
 Each inverter has 2 tracker blocks = 744 kW
 Each row has 2 inverter blocks = 744 kW * 2 = 1,488 kW
 Plant has 40 rows = 40 * 1,488 kW = 59,520 kW DC rating



2 inverter blocks