

Below you can see our PV system design for the Coach Lane Sports Centre. The system consists of 242 x 410W panels with an overall output of 99.22 kWp.



**We could offer the above system using the following:**

- 242 x Tier 1 410W panels
- SolarEdge Inverters (12 years warranty) + Optimizers
- Flat standing seam mounting system
- G99 application
- Electrical and Ancillary equipment
- Fully installed and commissioned

#### Production Forecast

PV Generator Output	99.22 kWp
Spec. Annual Yield	920.38 kWh/kWp
Performance Ratio (PR)	89.23 %
Yield Reduction due to Shading	0.7 %
Grid Export	91,373 kWh/Year
Grid Export in the first year (incl. module degradation)	91,373 kWh/Year
Standby Consumption (Inverter)	53 kWh/Year
CO <sub>2</sub> Emissions avoided	20,364 kg / year