

ALKRINGTON PRIMARY SCHOOL
Manor Road 8, Middleton, M24 1JZ, United Kingdom | 19 Sept 2022



SYSTEM OVERVIEW

 182 PV modules

 7 Inverters

 182 Optimizers

 2 Batteries

SIMULATION RESULTS

				
Installed DC Power	Max Achieved AC Power	Annual Energy Production	CO2 Emission Saved	Equivalent Trees Planted
81.90 kWp	61.00 kW	64.90 MWh	15.12 t	695

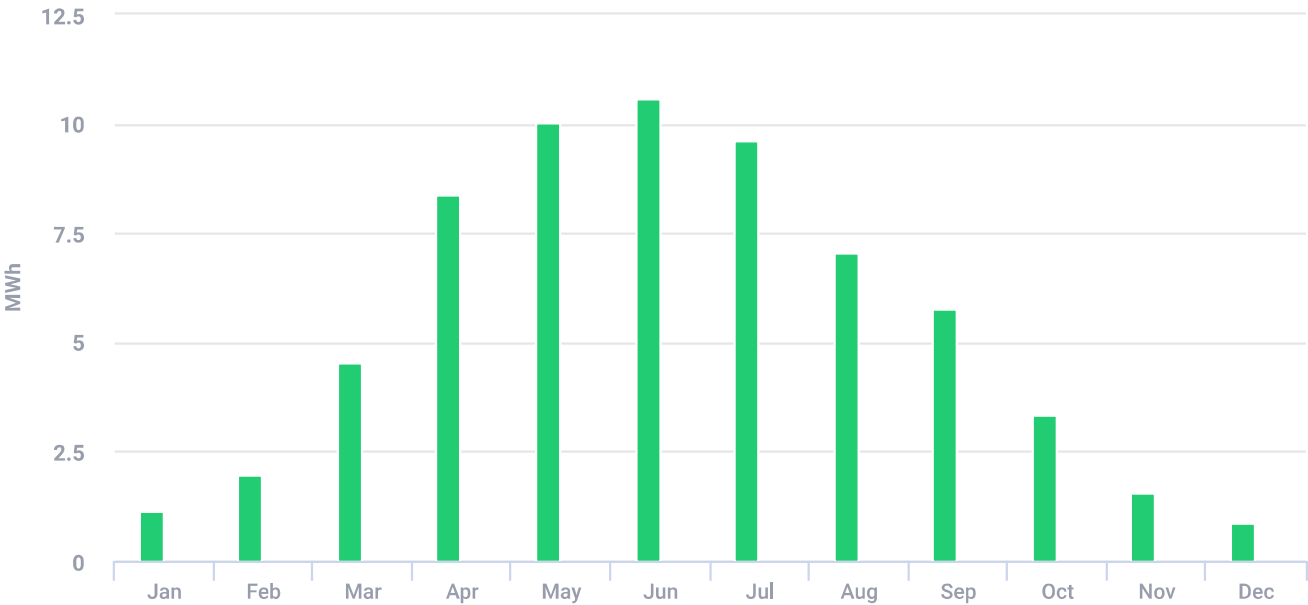
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ESTIMATED MONTHLY ENERGY

● Solar Production ● Clipped Energy



Total clipped energy: 0.04%

PV MODULES

# Module	Model	Peak power	Racking type	Orientation	Azimuth	Tilt
182	Longi Solar, LR4-72HIBD-450M	81.9 kWp			180°	0°
Total: 182		81.9 kWp				