

Photovoltaic System Specification Sheet

Owensboro Office

3111 Fairview Dr.

Owensboro, KY 42302

Latitude	37.7483°N
Longitude	87.0613°W
Array Azimuth	150° Off True North
System Type	Fixed Array - 2 high Driven Post
System Footprint	78' x 54' or 4212 sq. ft.
Array Orientation	Portrait
Tilt (Degrees)	30° from Horizontal
System Size (DC)	30.24 kW
System Losses	14.49%
Inverter Efficiency	96.00%
Racking System	Harvest Energy Solutions
Module Type	Hanwha Q-Cell 315W
Inverter	Fronius Primo 8.2-1
Number of Sub-Arrays	3
Number of Modules per Sub-Array	32
Total Number of Modules	96
Number of Modules per String	See One Line
Phase	240VAC Single Phase
Sub-Array Current (AC)	102.30 Amps
Maximum Possible Total System Current	127.875 Amps

System Design
By: Harvest
Energy Solutions