

Photovoltaic System Specification Sheet

Marshall County - Mike Miller Park

596 U.S. Highway 68 West

Benton, KY 42025

Latitude	36.9324°N
Longitude	88.3509°W
Array Azimuth	175° Off of True North
System Type	Fixed Array - 2 high Driven Post
System Footprint	27' x 45' or 1215 sq. ft.
Array Orientation	Portrait
Tilt (Degrees)	30° from Horizontal
System Size (DC)	10.08 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	2
Number of Modules per Sub-Array	16
Total Number of Modules	32
Number of Modules per String	See One Line
Phase	240VAC Single Phase
Sub-Array Current (AC)	34.10 Amps
Maximum Possible Total System Current	42.625 Amps

System Design
By: Harvest
Energy Solutions