

# Photovoltaic System Specification Sheet

Brandenburg Office

1351 Hwy. 79

Brandenburg, KY 40108

Latitude	37.9911°N
Longitude	86.1916°W
Array Azimuth	180° True South
System Type	Fixed Array - 2 high Driven Post
System Footprint	45' x 54' or 2430 sq. ft.
Array Orientation	Portrait
Tilt (Degrees)	30° from Horizontal
System Size (DC)	20.16 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	1
Number of Modules per Sub-Array	64
Total Number of Modules	64
Number of Modules per String	See One Line
Phase	240VAC Single Phase
Sub-Array Current (AC)	68.20 Amps
Maximum Possible Total System Current	85.25 Amps

System Design  
By: Harvest  
Energy Solutions