

Photovoltaic System Specification Sheet	
Hardinsburg Office	
127 E. Old Hwy. 60	
Hardinsburg, KY 40143	
Latitude	37.7800°N
Longitude	86.4505°W
Array Azimuth	150° Off of True North
System Type	Fixed Array - 2 high Driven Post
System Footprint	12' x 54' 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	Canadian Solar 315W
Inverter	Fronius Primo 8.2-1
Number of Sub-Arrays	1
Number of Modules per Sub-Array	32
Total Number of Modules	32
Number of Modules per String	8
Phase	240VAC Single Phase
Sub-Array Current (AC)	34.20 Amps
Maximum Possible Total System Current	42.75 Amps

System Design By:  
Harvest Energy Solutions