

RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

clean, safe, long-lasting electricity

Dovetail Solar and Wind offers a broad range of solar electric systems, all including professional installation.

All systems qualify for a \$2,000 Federal income tax credit. Grants are also available for many Ohio and other state residents.

Direct Grid-Tie (net metering)					
Solar PV System	The Studio	The Cottage	The Family	Family Plus	The Estate
	1.5 kW grid-tie	2.6 kW grid-tie	3.7 kW grid-tie	4.5 kW grid-tie	6 kW grid-tie
Estimated monthly energy output (KWH)*					
Monthly Average	140	250	355	425	570
Summer Peak	200	350	505	605	810
Winter Low	60	100	150	180	240
System Components					
Inverter	PVP 2500	PVP 2500	PVP 3500	PVP 4800	PVP 5200
Modules	9 Sharp 167	14 Sharp 187	20 Sharp 187	24 Sharp 187	36 Sharp 167
String sizing	1x9, 1503W	2x7, 2618W	2x10, 3740W	2x12, 4488W	3x12, 6012W
Estimated Total Installed Cost					
Installed Price	\$16,500	\$23,500	\$31,500	\$36,000	\$46,500

Remote or Grid Interactive with Battery Back-up					
Solar PV System	The Cabin	Small Homestead	The Homestead	Homestead Plus	The Farm
	1 kW with battery backup	2 kW with battery backup	3 kW with battery backup	4.1 kW with battery backup	5 kW with battery backup
Estimated monthly energy output (KWH)*					
Monthly Average	85	165	250	330	440
Summer Peak	120	235	350	470	630
Winter Low	35	70	100	130	180
System Components					
Inverter	OB (GT)FX2524	OB (G)VFX3648	SB3300U+4248U	SB3800U+4248U	SB6000+4248U
Modules	6 Sharp 170	12 Sharp 170	18 Sharp 170	20 Sharp 208	24 Sharp 208
Battery Bank	Trojan 24V, 395AH	Trojan 48V, 395AH	Disc. 48V, 390AH	Disc. 48V, 780AH	Disc. 48V, 780AH
Estimated Total Installed Cost					
Installed Price	\$14,500	\$25,000	\$35,000	\$44,000	\$52,000

* Energy Estimates for Ohio at 25° to 40° panel angle facing south.

- Systems can be utility-interactive (grid-tied) or generator-interactive. Systems without batteries will NOT function during grid failure.
- UniSolar Thin Film PV Laminate modules are also available for building integrated solar PV.
- Estimated prices include flush roof mounting. Many alternative mounting and inverter options are available.
- Prices are list for sample complete, fully installed systems, and do NOT include any grants, rebates or tax credits which will reduce final cost.
- A custom system is always designed to meet your specific building and project needs. Prices are subject to change.



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