



Hapco Solar Pole

SOLAR TODAY. BRIGHTER TOMORROW.™



Superior Aesthetics



Advanced Solar Technologies



NMC Lithium Batteries



Built-In 4G Connectivity



Year Round Autonomous Lighting

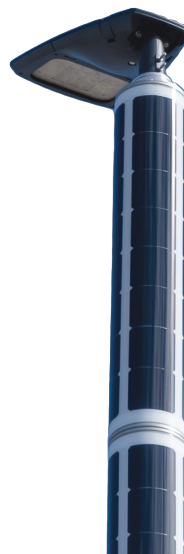


Smart City Device Ready

Delivering Revolutionary Solar Power.

Supplying solar power for LED lighting and other DC powered accessories, Hapco Solar Poles incorporate exclusive Smart Solar Control Systems which provide optimum efficiency and guaranteed power. Product capabilities range from 20W - 80W, with built-in wireless communication for remote monitoring and easy asset management.

Hapco Solar products are sustainable, reliable, easy to install, and built to last.



Full 5-Year Warranty on All Solar Components

LIFETIME Aluminum Pole Warranty



Applications:

- Streetscapes
- Walkways
- Pathways
- Parks & Rec
- Residential Streets
- Commercial Centers
- Campuses



Hapco Solar Pole



Peace of Mind



Ease of Install



Performance Excellence

CATEGORY	FEATURE	BENEFIT	RESULT
Design	Power range (110Wp - 440Wp)	Unmatched system capabilities	
	Panel efficiency (24%)	Sustainably designed. Overperformance avoided.	
	Battery power density (231Wh/kg)	System autonomy of up to 30+ days	
	Vertical cylindrical solar	Self-cleaning with aerodynamic aesthetics	
Performance	Solar lighting anywhere	No costly trenching	
	Self-provisioning operation	Straightforward setup. No commissioning.	
	Hand hole power pack	Easily accessible. Lowest TCO.	
Longevity	5-year warranty, no pro-rating	Purchase peace of mind	
	Aluminum pole lifetime warranty	Strong system foundation	
	Fully engineered solar system	Complete system optimization	
	Optional cellular remote monitoring	Streamlined maintenance. Accessible performance.	

Competitor Comparison

= Market Leading

FEATURE	HAPCO SOLAR	COMPETITOR A	COMPETITOR B	COMPETITOR C
Solar Panel Type	Monocrystalline	Polycrystalline	Thin Film	Polycrystalline
Efficiency	24%	17%	15%	17%
Design	Cylindrical	Flat	Cylindrical	Flat
Battery	Li NMC	NiMh	Li Ion	NiMh
Power Density (Wh/Kg)	231	120	160	70
Charge Cycles (lifespan)	5000	4000	4000	4000
Max Power Point Tracker(s)	4	1	1	1
Built-In Remote Monitoring	Cellular	LoRA	Bluetooth	Bluetooth
Battery Location	Hand hole	Pole Top	Solar Panels	Pole Stop
Hybrid Option	Yes	No	No	No
Pole Warranty	Lifetime	Unknown	Unknown	Unknown
Pole Type	Aluminum	Steel	Steel	Steel

Standard Configurations

ITEM #	POLE HEIGHT	# SOLAR MODULES	BATTERY SIZE	LED WATTS
SLR1-FSA20	12'	1	850 Wh	20W
SLR2-FSA40	18'	2	1050 Wh	40W
SLR3-FSA60	24'	3	1250 Wh	60W
SLR4-FSA80	30'	4	1250 Wh	80W

*Standard Hapco Solar Poles and available in both Direct Buried and 4-Bolt Base mounting options.
*Custom Solar Poles in mounting heights up to 40' are available.



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