

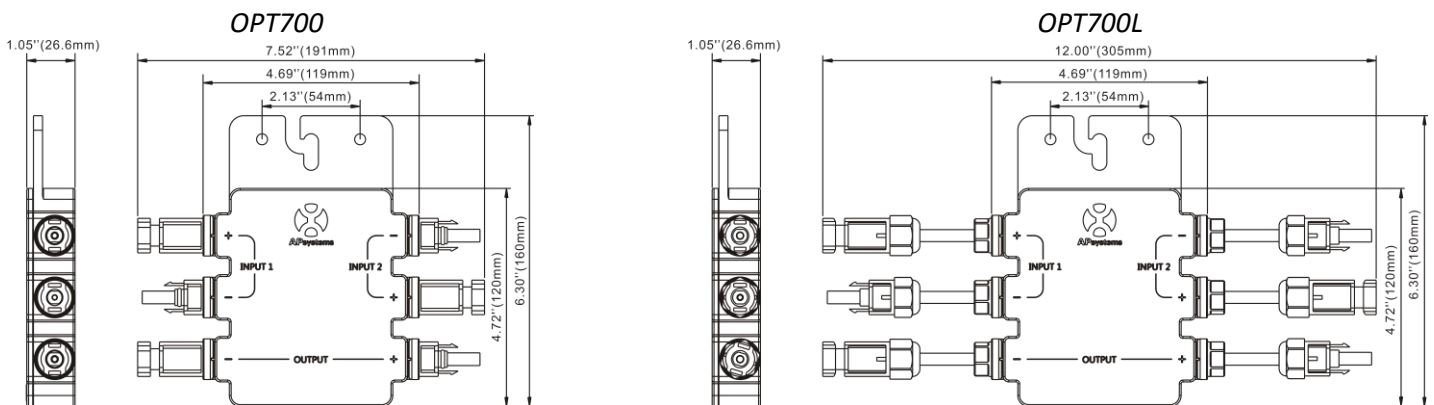
OPT700/OPT700L

DC Optimizer

- Up to 5% - 25% energy
- Single unit connects one or two solar modules
- Individual MPPT for each module
- Maximum output power(DC) 600W



DIMENSIONS



The APsystems OPT700/OPT700L is a PV Power Optimizer with intelligent networking and monitoring systems to ensure maximum efficiency, Highly dependable and cost effective, the OPT700/OPT700L enhances 25% of the generating capacity . Simply installation and small volume means real high generating for residential and commercial customers.

OPT700/OPT700L Datasheet

Model	OPT700	OPT700L
Input Data (DC)		
Maximum Input Power	310W x 2	
Maximum Input Voltage	50VDC	
MPPT Voltage Range	16-40VDC	
Operation Voltage Range	12-50VDC	
Maximum Input Current	10A x 2	
Maximum Input Short Circuit Current(DC)	10A x 2	
Output Data (DC)		
Maximum Output Voltage	90VDC	
Maximum Output Current	10.3A	
Maximum Output Power(DC)	600W	
Efficiency		
Peak Efficiency	99.5%	
Mechanical Data		
Operating Ambient Temperature Range	-40 °F to +149 °F (-40 °C to +65 °C)	
Storage Temperature Range	-40 °F to +185 °F (-40 °C to +85 °C)	
Dimensions (with connectors)	7.52" x 6.30" x 1.04" (191mm x 160mm x 26.4mm)	
Weight	1.1lbs/0.5kg	
Enclosure Rating	IP67 , NEMA 6P	
Protection Class	II	
Overvoltage Category	II	
Operational environment	Outdoor Use	
Pollution Degree Classification	PD3	
Wet Locations Classification	For Wet Locations	
Cooling	Natural Convection - No Fans	
Features & Compliance		
Communication	Zigbee (Wireless)	
Monitoring	Via EMA Software	
Emissions & Immunity (EMC) Compliance	FCC Part15; ANSI C63.4; ICES-003; EN 61000-6-1,EN 61000-6-2,EN 61000-6-3,EN 61000-6-4,AS/NZS 61000.6.3	
Safety Class Compliance	UL1741,CSA C22.2 No.107.1-01; EN 62109-1,EN 62479	
Radio Spectrum	EN 301489-1, EN 301489-17, EN 300328,AS/NZS 4268	

Specifications subject to change without notice - please ensure you are using the most recent update found at www.APSystems.com

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