



# SunMizer™

Optimum I-V for PV

## Product Specifications

### Features

	ALL MODELS
Dimensions (W x L x H)	6" W x 4" L x 1.6" H (15 x 10 x 4 cm)
Weight	<2 Kg
Connectors	MC3 or MC4 Compatible
Cooling	Natural Convection
Night Time Power Consumption	None
Efficiency (@ 200W nominal power)	>98%
Warranty	20 years

### Environmental Characteristics

	ALL MODELS
Operating Temperature Range	-25°C to +65°C
Operating Humidity	0 – 99% RH
Enclosure	NEMA 6 (IP67)

### PV Module Electrical Requirements\* (Maximum Input)

	48-9-M3 / M4	80-7-M3 / M4
Power (Mpp)	250W Max.	350W Max.
Voltage (Voc)	48V DC Max.	80V DC Max.
Current (Isc)	9A DC Max.	7A DC Max.

### String / Inverter Electrical Requirements

	48-9-M3 / M4	80-7-M3 / M4
Maximum String Current	9A DC	7A DC
	<b>ALL MODELS</b>	
Maximum String Voltage	600 VDC (US) 1,000 VDC (EU)	
Maximum Load Capacitance	1,000 MicroFarads	

### Environmental, Emissions and Safety Compliance

<b>ENVIRONMENTAL:</b> RoHS (2002/95/EC) and WEEE (2002/96/EEC)
<b>EMISSIONS:</b> FCC Part 15 Class B (US) EN 61000-6-1 and 61000-6-3 (EU)
<b>SAFETY:</b> UL 1741 (US) IEC 61010-1 and EN 61558-1 (EU) CSA 22.2 No. 107.1 (CA) S-MARK (JP)

