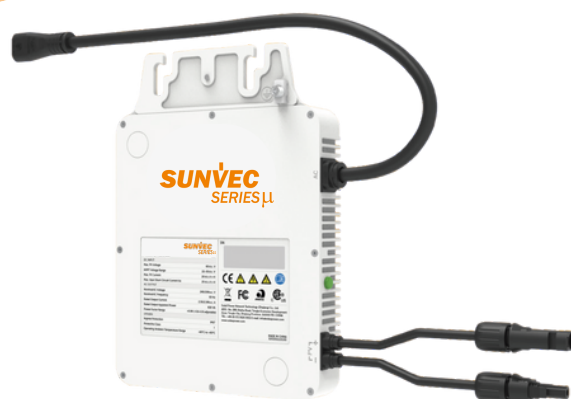








**SUNVEC**  
SERIES  $\mu$

## MICRO-INVERSOR

SUNVEC MICRO ONE  
1 MÓDULO & 1 MPPT



### Características

-  Fácil de instalar y mantener
-  Relé de protección integrado
-  Apoyo a micro redes con solución de almacenamiento existente
-  Grado de protección IP67
-  Corriente de entrada de hasta 20A
-  Módulo Wi-Fi integrado

	Micro One 300	Micro One 400	Micro One 450	Micro One 500	Micro One 600
<b>DC INPUT</b>					
Max. PV input power [W]	240 to 410	320 to 550	360 to 600	400 to 670	400 to 670
Max. PV input voltage [V]	60				
MPPT voltage range [V]	22-60				
Start-up voltage [V]	20				
Max. PV input curren [A]	14	18	20	20	20
Max. input short circuit current Isc[A]	20	20	25	25	25
No. of MPP trackers	1				
Strings per MPP tracker	1				
<b>AC OUTPUT</b>					
Rated AC output power [VA]	300	400	450	500	600
Maximum continuous output power [VA]	300	400	450	500	600
Maximum continuous output current [A]	1.25	1.67	1.88	2.09	2.50
Rated grid voltage/range [V]	240/211-264				
Nominal AC frequency/range [Hz]	60/55-65				
Maximum units per 10AWG branch*	32	24	21	19	16
Maximum units per 12AWG branch*	25	19	17	15	12
Power Factor range	>0.99(-0.8~0.8 adjustable)				
THDi (Rated power) [%]	< 3				
<b>EFFICIENCY</b>					
Peak Eciency	96.50%				
CEC Eciency	96.50%				
Nominal MPPT eciency	99.50%				
Night power consumption [mW]	< 40				
<b>STANDARD</b>					
Safety	UL 1741, UL 1741 SA, UL 1699B, CSA C22.2 No.107.1-16, CSA - C22.2 No. 292-18				
EMC	FCC Part 15 Class B				
Grid Connection Standard	IEEE 1547, Rule 21, Rule 14(HI)				
PV Rapid Shutdown	Conforms with NEC-2017 and NEC-2020 Article 690.12				
<b>ENVIRONMENT LIMIT</b>					
Ingress protection rating	Type 6				
Operating ambient temperature range	-40°C to 70°C (-40°F to 158°F)				
Humidity [%]	0 ~ 100(condensing)				
Storage temperature	-40°C to 70°C (-40°F to 158°F)				
<b>GENERAL</b>					
Dimension (W x H x D) [mm]	206 x 178 x 34				
Weight [kg]	2.5				
Cooling concept	Natural convection				
Communication	PLC				
Monitoring	Sunvec Connect				