

INVERTER PRODUCT LINEUP

SPC-300

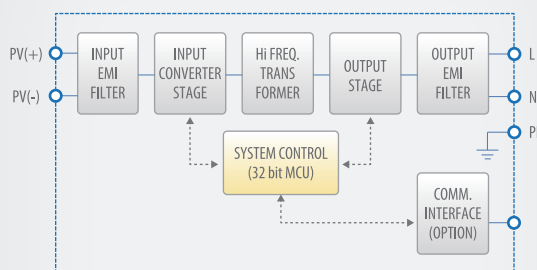
Micro Solar Power Inverter



Specification

Input (DC)	Input voltage range	10 ~ 60 Vdc
	MPPT voltage range	25 ~ 60 Vdc
	Rated voltage	40 Vdc
	Number of MPP trackers	1
	Max. input current	11 Adc
Output (AC)	Rated output power	300 W
	Max output current	1.36 A
	Grid output voltage	AC220V
	Grid frequency	60Hz
	Current THD	Less than 0.05
	Grid phase	Single
Efficiency	Maximum	> 96%
	Euro	> 95%
	MPPT efficiency	> 99%
Protection	Anti-islanding detect time	< 0.5 sec
	AC Short-circuit	Yes
	Grid monitoring	Yes
	Leakage current detect	Yes
General	Water proof	IP 65
	Operating temperature	-40°C ~ +70°C
	Noise	< 30dB
	Stand-by consumption	< 0.1W (Night)
	Insulation	Transformer insulation
	Cooling	Natural convection
	Dimension	248 x 211 x 38(WxDxH)
	Operating Altitude	< 2000m
Operating humidity	0 ~ 95% RH (Now dew)	
Etc.	Data Communication	RS485/Wi-Fi/Bluetooth (Option)
	Warranty	10 years

System



SPC-300 Micro PV Inverter (Grid connected)

- Wide input voltage range(10~60VDC)
- makes the output maximum 25% higher than central inverter.
- Maximum Efficiency of conversion more than 96%
- Wide input voltage range(10~60VDC)
- Self-diagnosis function
- Various monitoring option(RS485/232 /Wi-Fi)

※ Designs and specifications of products are subject to change without prior notice for the improvement of products