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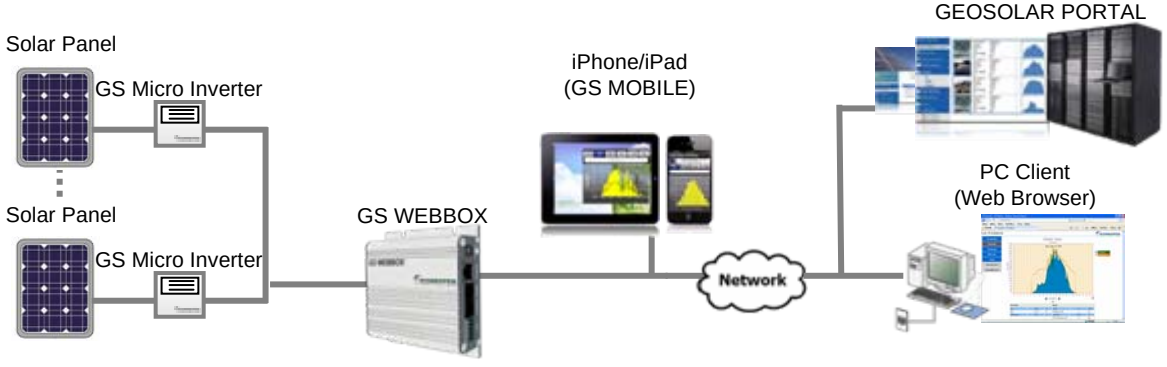
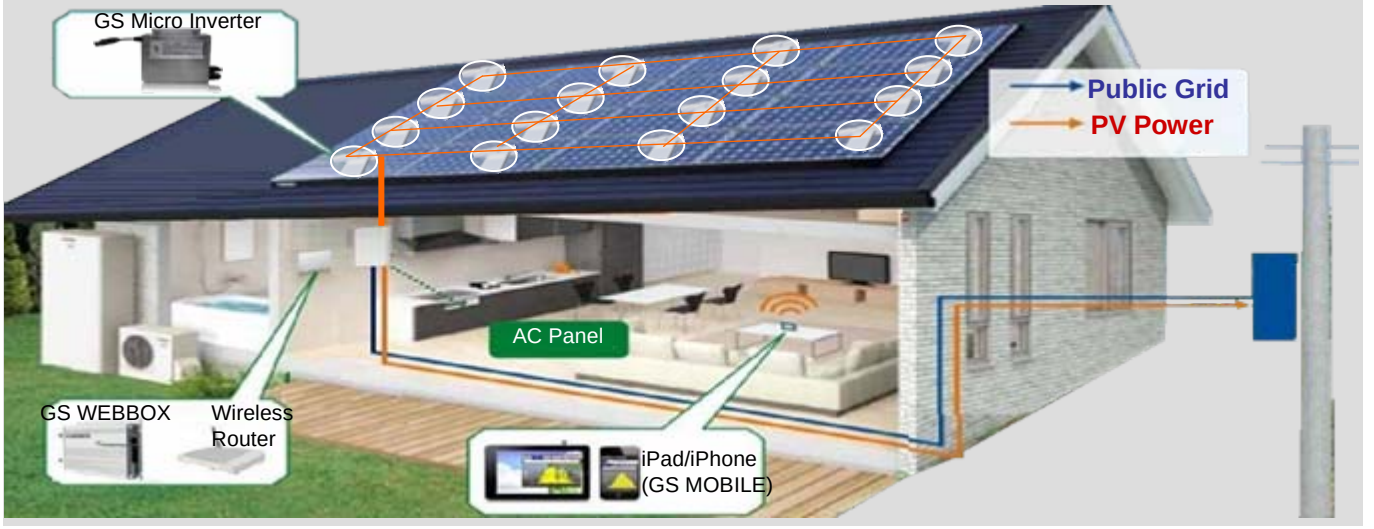
HOMERAY Optitronics

GS MICRO INVERTER

Grid-Tie, Transformer, 300W Micro Inverter

GS MICRO INVERTER is a single-phase, transformer, and high efficiency micro inverter. It provide the most advanced inverter technology for solar system. GS MICRO INVERTER combine with creative power electric technology, IT technology and cloud service that make the PV system easier to trace and management. It has a super compact size and IP65 waterproof cabinet that can be resistant to rain, snow and dust. The MPPT tracking voltage range from 22 to 54VDC. It was designed for easy and quick installation, simple communication and maximum performance. The most advantages of using GS Micro Inverter are you can apply the module stage monitoring and maximize individual solar module performance even when some other modules have the shadow on it.



Specification:

	GS-MIV-300
Maximum DC Input Power	300W
DC Maximum Voltage	54 VDC
MPPT Voltage Range	22 VDC ~ 54 VDC ± 5% (Full Rating: 26 VDC ~ 45 VDC)
DC Maximum Input Current	11.5 ADC
Maximum PV Array Short Circuit Current	15 ADC
Connector Type	MC Compatible
PV Start Voltage	20 VDC ± 5%
AC Maximum Output Power	285W
AC Maximum Output Current	1.2A (@240VAC)
AC Nominal Voltage Range	211VAC, minimum/ 264VAC, maximum @240VAC
AC Frequency	50/60Hz, auto selection
Power Factor	>0.95
Maximum Inverter Efficiency	95.5 %
European Inverter Efficiency	95 %
Dimensions：W × H × D (mm)	190 x 203 x 33.7
Weight (kg)	2.4
Operating Temperature	-40 to 60 ˚C
Humidity	0 to 95%, non-condensing
Total Harmonic distortion	THD<5%
Power Consumption: standby/night time	<85mW
Heat Dissipation	Convection
Communication	RS485
Maximum Connected Number	20
Warranty	5