



- **Micro inverters are designed to connect individual PV modules and perform DC to AC conversion.**
- **Very simple installation with built-in cables and connectors**
- **NEMA-6 enclosure rating**
- **Integrated monitoring and power line communication with BDG-256 gateway**
- **Integrated GFDI**
- **14 AWG integrated cables**

Input Data (DC Side)	Re commended Module Power Range (W)	180~260
	MPPT range (V)	22 ~ 45
	Maximum Input Voltage (V)	55
	Maximum Input Current (A)	12
Output Data (AC Side)	Continuous Maximum AC Output (W)	220
	Maximum Output Current (A)	1.1
	Nominal Output Voltage Range (V)	240/211~264, 208/186~228
	Nominal Output Frequency Range (Hz)	60/59.3~60.5
	Maximum Number of Microinverter per branch (unit)	15
System Efficiency	Peak Efficiency	95.8%
	CEC Efficiency	95.2%
	MPPT tracking	>99.5%
	Power Factor	> 0.95
	Output Current THD	< 3% (at rated power)
	Night Time Power Consumption (W)	<0.08
Mechanical Data	Operation Temperature (°C)	-40°C~+ 65°C
	Storage Temperature °C	-40°C~+ 65°C
	Size (LWH, mm)	200*175*35
	Weight (kg)	2.0
	Enclosure Environment Rating	NEMA-6
Features	Cooling	Natural Convection
	Communication	Power Line
	Warranty	25-year Limited Warranty
	Compliance	UL1741, CSA C22.2 No. 107.1