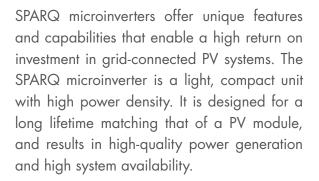


SPARQ's 215-Watt Microinverters

Models: S215NA2240 / S215NA2240T S215NA3250 / S215NA3250T



PV systems using SPARQ microinverters enable maximum energy harvest, and are safe and easy to install. They also demonstrate optimal performance in snow, dust, and shade conditions. In addition, they allow per-module monitoring via power line communication. SPARQ's flexible 'plug-and-play' microinverter installation, enhanced system performance, and 25-year warranty offer users best-in-class returns on investment.



Features

- Long lifetime compatible with module warranties
- Suitable for integrated AC modules
- High return on investment
- High quality power generation
- Improved safety
- Simple installation 'plug-and-play'
- Optimal performance under snow, dust and shade
- No single point failure
- High system availability
- Maximum energy harvest
- Continuous per-module monitoring
- Compact and lightweight

Technical specifications

Model	S215NA3250 / S215NA3250T	S215NA2240 / S215NA2240T
Input Data (DC)		
Maximum power drawn from PV	230W	230W
Maximum input DC voltage	65V	50V
Maximum input DC current	10A	12A
Maximum power tracking voltage range	32V-50V	22V-40V
Minimum start-up voltage	33V	23V
Output Data (AC)		
Maximum output power	215W	215W
Nominal output voltage	240V	240V
Output voltage range	211V-264V	211V-264V
Maximum output current	0.9A	0.9A
Nominal output frequency	60Hz	60Hz
Output frequency range	59.3-60.5 Hz	59.3-60.5 Hz
Power factor	> 0.99	> 0.99
Output current THD	< 2%	< 2%
Maximum units per branch - \$215NA3250 / \$215NA2240 - \$215NA3250T / \$215NA2240T	13 Determined by bus cable gauge	13 Determined by bus cable gauge
Efficiency	Determined by bos cable gauge	Belefillined by bus cable gauge
Peak efficiency	95%	94.5%
CEC efficiency	93.6%	93.1%
Nighttime power consumption	25mW	25mW
Mechanical Data		
Operating temperature range	-40°C to +65°C	-40°C to +65°C
Enclosure rating	NEMA 6 - outdoor	NEMA 6 - outdoor
Dimensions (L X W X H)	7.5" X 5" X 1.2"	7.5" X 5" X 1.2"
Weight		
- S215NA3250 / S215NA2240	4.3 lbs	4.3 lbs
- \$215NA3250T / \$215NA2240T	3.2 lbs	3.2 lbs
Cooling	Natural convection	Natural convection
Features		
Communication	Power line	Power line
Warranty	25 years	25 years
Regulatory	UL1741	UL1741
	IEEE 1547	IEEE 1547
	CSA C22.2 NO. 107.1	CSA C22.2 NO. 107.1
	FCC part 15, class B	FCC part 15, class B



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