



i-Microinverter GT260 Electrical Performance Test Result

Brand	I ENERGY i-Microinverter		Date	9/2-9/5	
Model	GT260				
	Item	Spec.	Measured	Result	Remark
Input	Input MPPT range	30V~50V	24.25~60.99V		MPPT: 25 & 60 V _{in} / 5A
	Maximum input voltage	61V	61V		
	Minimum input voltage	25V	25V		
	Maximum input current	10A	---		
	Maximum input power	240W	238.77W		MPPT : 50 V _{in} / 5A
Output	Maximum output power	210W	223.80W		MPPT : 50 V _{in} / 5A
	Power factor	0.95	0.996		240 V _{ac} / 50 V _{in}
	T.H.D.(A)	3%	2.65%		240 W / 50 V _{in}
Protection	Input UVP	25V	18.3V		AC Source : 240 V
	Input UVP timing	---	---		Recovery : 5m10s
	Input OVP	61V	61V		AC Source : 240 V
	Input OVP timing	---	---		Recovery : 5m10s
	Output UVP	209V	211V		DC Source : 40 V
	Output UVP timing	2s	---		Recovery : 5m10s
	Output OVP	266V	259.8V		DC Source : 40 V
	Output OVP timing	1s	---		Recovery : 5m10s
	Output UFP	59.1Hz	59.1Hz		240 V / 40 V
	Output UFP timing	0.16s	---		Recovery : 5m10s
	Output OFP	60.7Hz	60.2Hz		240 V / 40 V
	Output OFP timing	0.16s	---		Recovery : 5m10s
Efficiency	Maximum efficiency	94%	94.93%	---	MPPT : 50V / 4.8A
	CEC efficiency	92.5%	92.95%	---	MPPT : 50V / 4.8A
	MPPT accuracy	99.5%	99.63% (max)		MPPT : 25V / 0.48A
	Burn-in				
	Hi-pot				
Visible Check	LED color	Green : Working		Green Twinkle : Starting	
		Red : OVP		G & Y : Wrong condition	