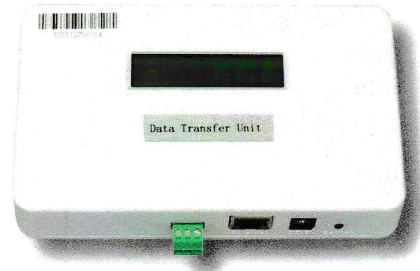


Data Transfer Unit(DTU)

DTU collects performance data from each microinverter at 5-minute intervals via 2.4G RF. The data includes DC input voltage / current, AC output power/ voltage/frequency, internal temperature. The data can be viewed by login the embedded web server through a browser locally. DTU can send command and data to microinverter, this is very important to system maintenance. The installer can restart microinverter, reset the fault of microinverter, upgrade the firmware of microinverter and so on.



Model	DTU
Communication to Microinverter	
Type	2.4G RF
sample rate	5min
Maximum distance (free space)	98m
Maximum number of inverters connected	48
communication to Router/PC	
RJ45 Ethernet	10M/100M
Power Supply	
Type	External plug-in adapter
Adapter input voltage/frequency	100 ~ 240V AC / 50/60Hz
Adapter output voltage/current	5V/1A
Power consumption	2.5W typical, 5W maximum
Mechanical Data	
ambient temperature range(°C)	-20°C ~ 55°C
Dimensions (W x H x D mm)	150 x 95 x 30
Weight	0.25KG
Mounting system	Wall mounting
Display	16 Characters x 2 lines LCD
Features	
Standard	IEC60950 IEC 61000-6-2 FCC Part15 Class B/Class C
Standard warranty	2 years
Info Window	



Home View Config Device ID Events Parameter Upgrade

Total Device: 06 Link: 06 Unlink: 00 View All Enable Balance

ID	VOLV	VOLG	DCI	DCIE	Energy	Temp	Date
11050074	45.8V	228.5V	50.6A	42.4Wh	15Wh	13.9C	2015-04-14 09:14:21
11050096	45.8V	228.3V	50.6A	41.1Wh	14Wh	13.1C	2015-04-14 09:14:30
11050098	45.1V	228.3V	50.6A	41.1Wh	14Wh	11.8C	2015-04-14 09:14:31
11050099	45.3V	228.8V	50.6A	41.2Wh	14Wh	13.5C	2015-04-14 09:14:31
11050119	45.2V	227.8V	50.6A	83.2Wh	29Wh	13.4C	2015-04-14 09:14:30
11050127	45.7V	226.8V	50.6A	46.2Wh	14Wh	12.4C	2015-04-14 09:14:30

Total Output Power
0.29 kW
Total Energy
340.85 kWh
Today Energy
0.10 kWh
CO2 Saved
0.08 kg
Plant Status

Home View Config Device ID Events Parameter Upgrade

These settings should only be adjusted by a licensed solar professional

Country regulatory select: Australia AS4777_3 [View Profile](#)

Grid profile: Aus_654777_3

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Parameter	Value	Units
Voltage limits and trip time		
Over voltage limit	270	V
Under voltage limit	200	V
Frequency limits and trip time		
Over frequency limit	55	Hz
Under frequency limit	45	Hz
Reconnect time	45	s
Long term reconnect time	60	s

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