

DC1 Data Collector

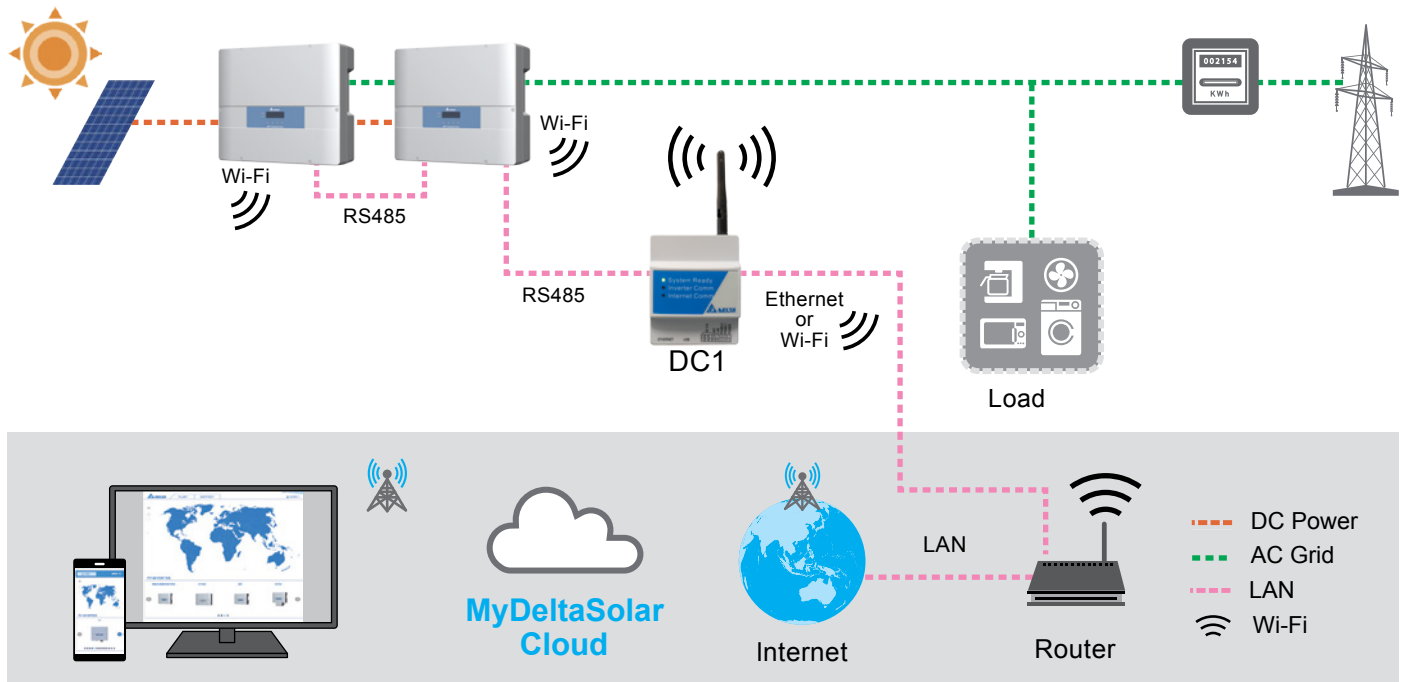
Manage and monitor all Delta inverters in your PV plant

- Collect all relevant data from your Delta inverters
- Manage multiple PV plants in the MyDeltaSolar Cloud
- Connect to your Delta inverters via RS485 or Wi-Fi
- Compatible with third-party monitoring solutions
- Digital inputs, dry contacts, dynamic power limitation

**Free monitoring service for
the first 5 years**

DC1 Data Collector

System Diagram



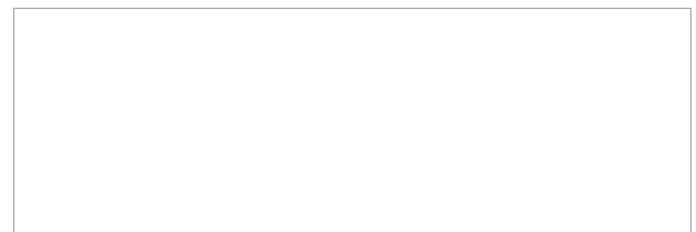
MyDeltaSolar APP

- Simple connection setup between DC1 and Delta inverters
- Convenient setup of the PV system in the MyDeltaSolar Cloud
- Point-to-point connection between mobile phone and Wi-Fi inverters
- Remote firmware update for DC1 and inverters
- Fast setup of all Delta inverters
- Convenient monitoring of your PV systems from anywhere via the Internet
- Real-time email notification of all important events
- Comprehensive statistics
- Integration with third-party monitoring systems
- Available for Android and iOS



Technical Data

GENERAL	DC1
Supply voltage (RS485 plug)	9 ... 25 VDC / 5 W (via 12 V power supply of the inverter or the Delta DIN rail power supply DRC-12V10W1AZ available separately)
Supply voltage (Micro-USB)	5 VDC / 5 W (Micro-USB charger/adaptor not included)
Protection degree	IP20
Relative humidity	30 ... 85%
Operating temperature range	-25 ... +55 °C
Storage temperature range	-30 ... +70 °C
Maximum operating altitude	2000 m
Max. number of inverters	RS485: 30; Wi-Fi: 9
Connectors	RS485, Wi-Fi, Micro-SD, Extension port, USB 2.0
MyDeltaSolar Cloud Monitoring	The DC1 comes with 5 year free access to the MyDeltaSolar Cloud, starting from the date of purchase. After that a small annual fee will be charged for further use.
Wi-Fi	DC1
Network standards	IEEE 802.11b IEEE 802.11g IEEE 802.11n
Data rates	IEEE 802.11b: 6.5 ... 150 Mbps IEEE 802.11g: 6 ... 54 Mbps IEEE 802.11n: 1 ... 1 Mbps
Modulation	OFDM (BPSK), QPSK, 16-QAM, 64-QAM; 802.11b (CCK / DSSS)
Bandwidth	20 MHz / 40 MHz



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