

| Data Logging Stick                                                                                                                                                                                                               | Main Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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|  <p>MP-DLS-W<br/>DATA LOGGING STICK<br/>WiFi</p> <p>MP-DLS-L<br/>DATA LOGGING STICK<br/>LAN</p> <p>MP-DLS-G<br/>DATA LOGGING STICK<br/>GPRS</p> | <p><b>Data Logging Stick-WiFi</b></p> <ul style="list-style-type: none"> <li>• Quick installation and easy operation enabling local and remote monitoring.</li> <li>• Mobile APP installation for Android and IOS.</li> <li>• Flexible outdoor rated WiFi connection.</li> </ul> <p><b>Data Logging Stick-LAN</b></p> <ul style="list-style-type: none"> <li>• Quick installation and easy operation.</li> <li>• Plug and play functionality.</li> <li>• Stable and reliable LAN connection.</li> </ul> <p><b>Data Logging Stick-GPRS</b></p> <ul style="list-style-type: none"> <li>• Quick installation and easy operation.</li> <li>• Connecting inverters with "plug and play" function.</li> <li>• Easy visualization of data and other information via mobile device.</li> <li>• GPRS communication enabling mobile monitoring anytime anywhere.</li> </ul> |

## Beta Monitoring System



| MODEL                                   | MP-DLS-W (WiFi)                                                                              | MP-DLS-L (LAN)                       | MP-DLS-G (GPRS)                                          |
|-----------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------|
| Maximum Number of Inverters             | 1                                                                                            |                                      |                                                          |
| Inverter Communication                  | 4 pin                                                                                        |                                      |                                                          |
| Remote Communication                    | Wi-Fi (802.11 b / g / n)                                                                     | Ethemet 10 / 100Mbps                 | GPRS Class 12                                            |
| Communication Rate                      | 9600bps (adjustable:1200 - 57600bps)                                                         |                                      |                                                          |
| Frequency                               | 2.412GHz - 2.484GHz                                                                          | /                                    | 850 / 900 / 1800 / 1900MHz                               |
| WiFi Communication Range                | 100m in outdoor open area without obstruction                                                | /                                    |                                                          |
| LAN Communication Range                 | /                                                                                            | 50m (CAT - 5e Shielded Twisted Pair) | /                                                        |
| WiFi Trensmitting Power                 | 802.11b: +20 dBm (Max) 802.11g: +18dBm (Max)<br>802.11n: +15 dBm (Max) Configurable by users | /                                    |                                                          |
| WiFi Receiving Sensitivity              | 802.11b: -89dBm 802.11g: -81dBm<br>802.11n: -71dBm                                           | /                                    |                                                          |
| GPRS Mobile Station                     | /                                                                                            |                                      | Class C                                                  |
| Compatible with the GSM Phase 2 / 2 +   | /                                                                                            |                                      | Class 4 (2W@850 / 900MHz)<br>Class 1 (1W@1800 / 1900MHz) |
| External Antenna                        | I-PEX antenna                                                                                | /                                    | I-PEX antenna                                            |
| Data Collection Intervals               | 5 minutes (adjustable: 1-20 minutes)                                                         |                                      |                                                          |
| Data Interface                          | RS485                                                                                        |                                      |                                                          |
| Preferences Setting                     | Web Server                                                                                   |                                      |                                                          |
| Firmware Updates                        | Wireless                                                                                     | Ethemet                              | Wireless                                                 |
| Data Access                             | Wi-Fi point-to-point / Remote server                                                         | Remote server                        |                                                          |
| Data Storage                            | 8 MBYTE FLASH                                                                                |                                      |                                                          |
| ELECTRICAL                              |                                                                                              |                                      |                                                          |
| Input Voltage                           | DC 5V                                                                                        | DC 5V (+ / -5%)                      |                                                          |
| Working Current                         | 200mA - 300mA                                                                                | 110mA - 200mA                        | 160mA - 500mA                                            |
| Static Power Comsumption                | /                                                                                            |                                      | < 2W                                                     |
| Maximum Instantaneous Power Consumption | /                                                                                            |                                      | < 8W                                                     |
| ENVIRONMENTAL                           |                                                                                              |                                      |                                                          |
| Operating Temperature                   | -10 ~ +85°C                                                                                  |                                      |                                                          |
| Operating Humidity                      | 10% - 90% Relative humidity, no condensa                                                     |                                      |                                                          |
| Storage Temperature                     | -40 ~ +125°C                                                                                 |                                      |                                                          |
| Storage Humidity                        | < 40%                                                                                        |                                      |                                                          |
| Protection Class                        | IP65                                                                                         |                                      |                                                          |
| GENERAL DATA                            |                                                                                              |                                      |                                                          |
| Dimensions (L*W*H)                      | 118*43*43 mm                                                                                 | 105*43*43 mm                         | 118*43*43 mm                                             |
| Weight                                  | 56g                                                                                          |                                      |                                                          |
| OTHER                                   |                                                                                              |                                      |                                                          |
| Certificates                            | FCC, CE                                                                                      |                                      |                                                          |

Product specifications are subject to change without further notice.

