**Chint Instrument (DDSU666-H) data logger. MODBUS registers map.**

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| **MODBUS offset** | **Description** | **Units** | **Data type** |
| 15 | Serial number |  | string |
| 71 | Number of strings |  | word |
| 73 | Rated power | kW | dword |
| 75 | Maximum active power | kW | dword |
| 77 | Maximum apparent power | kVA | dword |
| 79 | Maximum reactive power to grid | kVar | integer |
| 81 | Maximum reactive power from grid | kVar | integer |
| 2088 | Insulation resistance | MOhm | word |
| 2091 | Startup time | s | dword |
| 2093 | Shutdown time | s | dword |
| 10000 | Current time | s | dword |
| 2110 | Some time 1 | s | dword |
| 2156 | Some time 2 | s | dword |
| 2160 | Some time 3 | s | dword |
| 5113 | Some time 4 | s | dword |
| 10500 | Some time 5 | s | dword |
| 2000 | Status 1 |  | word |
| 2002 | Status 2 |  | word |
| 2003 | Status 3 |  | dword |
| 2008 | Alarm 1 |  | word |
| 2009 | Alarm 2 |  | word |
| 2010 | Alarm 3 |  | word |
| 2089 | Device status |  | word |
| 2090 | Fault code |  | word |
| 2016 | PVn voltage | V | smallint |
| 2017 | PVn current | A | smallint |
| 2064 | Input power | kW | integer |
| 2066 | Line voltage A-B | V | word |
| 2067 | Line voltage B-C | V | word |
| 2068 | Line voltage C-A | V | word |
| 2069 | Phase voltage A | V | word |
| 2070 | Phase voltage B | V | word |
| 2071 | Phase voltage C | V | word |
| 2072 | Phase current A | A | integer |
| 2074 | Phase current B | A | integer |
| 2076 | Phase current C | A | integer |
| 2078 | Peak power | kW | integer |
| 2080 | Active power | kW | integer |
| 2082 | Reactive power | kVar | integer |
| 2084 | Power factor |  | smallint |
| 2085 | Grid frequency | Hz | word |
| 2086 | Efficiency | % | word |
| 2087 | Internal temperature | DC | smallint |
| 2106 | Accumulated energy yield | kWh | dword |
| 2114 | Daily energy yield | kWh | dword |
| 7100 | Meter status |  | word |
| 7138 | Meter detection result |  | word |
| 7125 | Meter type |  | word |
| 7113 | Active grid power | W | integer |
| 7115 | Active grid reactive power | VAR | integer |