|  |  |  |  |
| --- | --- | --- | --- |
| CNT | Reg | Description | Value |
| 0 |  | Slave ID | 0x01 |
| 1 |  | Function Code | 0x04 |
| 2 |  | Bytes to Read | 0x7E |
| 3 - 4 | 3000 | PV1 In Voltage | 23 90 (2390 x 0.1) |
| 5 – 6 | 3001 | PV2 In Voltage | 00 07 (0007 x 0.1) |
| 7 – 8 | 3002 | PV3 In Voltage | 00 00 (0000 x 0.1) |
| 9 - 10 | 3003 | PV1 In Current | 00 95 (0095 x 0.01) |
| 11 – 12 | 3004 | PV2 In Current | 00 00 (0000 x 0.01) |
| 13 – 14 | 3005 | PV3 In Current | 00 00 (0000 x 0.01) |
| 15 – 18 | 3006 | PV1 Power | 00 00 02 19 (00000219 x 1) |
| 19 – 22 | 3008 | PV2 Power | 00 00 00 00 (00000000 x 1) |
| 23 – 26 | 3010 | PV3 Power | 00 00 00 00 (00000000 x 1) |
| 27 – 28 | 3012 | PBUS Voltage | 36 02 (3602 x 0.1) |
| 29 – 30 | 3013 | NBUS Voltage | 00 00 (0000 x 0.1) |
| 31 -32 | 3014 | R-S AC Voltage | 22 62 (2262 x 0.1) |
| 33 – 34 | 3015 | S-T AC Voltage | 00 00 (0000 x0.1) |
| 35 – 36 | 3016 | T-R AC Voltage | 00 00 (0000 x 0.1) |
| 37 – 38 | 3017 | R-S AC Frequency | 50 01 (5001 x 0.01) |
| 39 – 40 | 3018 | S-T AC Frequency | 00 00 (0000 x 0.01) |
| 41 – 42 | 3019 | T-R AC Frequency | 00 00 (0000 x 0.01) |
| 43 – 44 | 3020 | R Phase Current | 01 25 (0125 x 0.01) |
| 45 – 46 | 3021 | S Phase Current | 00 00 (0000 x 0.01) |
| 47 – 48 | 3022 | T Phase Current | 00 00 (0000 x 0.01) |
| 49 – 52 | 3023 | Grid Power | 00 00 02 07 (00000207 x 1) |
| 53 – 54 | 3025 | Radiator Temperature | 03 38 (0338 x 0.1) |
| 55 – 56 | 3026 | Module Temperature | 00 00 (0000 x 0.1) |
| 57 – 62 | 3027 | Alarm and Error |  |
| 63 – 64 | 3030 | Inverter Info |  |
| 65 – 66 | 3031 | Fan A Speed | 00 00 (0000 x 1) |
| 67 – 68 | 3032 | Fan B Speed | 00 00 (0000 x 1) |
| 69 – 70 | 3033 | Fan C Speed | 00 00 (0000 x 1) |
| 71 – 74 | 3034 - 3035 | Total Energy | 00 00 07 46 (00000746 x 0.1) |
| 75 – 76 | 3036 | ARM codes |  |
| 77 – 78 | 3037 | Modes |  |
| 79 – 82 | 3038 - 3039 | Total Energy | 00 00 07 49 (00000749 x 0.1) |
| 83 – 86 | 3040 - 3041 | Annual Energy | 00 00 00 74 (00000074 x 1) |
| 87 – 88 | 3042 | Daily Energy | 00 02 (00 02 x 1) |
| 89 – 90 | 3043 | Power On Voltage | 18 00 (1800 x 0.1) |
| 91 – 92 | 3044 | Power On Delay | 00 20 (0020 x 1) |
| 93 – 94 | 3045 | Grid Low Voltage | 18 00 (1800 x 0.1) |
| 95 – 96 | 3046 | Grid High Voltage | 26 00 (2600 x 0.1) |
| 97 – 98 | 3047 | Grid Low Frequency | 47 50 (4750 x 0.01) |
| 99 – 100 | 3048 | Grid High Frequency | 52 50 (5250 x 0.01) |
| 101 – 102 | 3049 | Preset Power Factor | 08 50 (0850 x 0.001) |
| 103 – 104 | 3050 | Preset Active Power | 00 00 (0000 x 1) |
| 105 – 106 | 3051 | Reactive Power |  |
| 107 – 110 | 3052 – 3053 | Apparent Power |  |
| 111 – 114 | 3054 – 3055 | Reactive Power |  |
| 115 – 116 | 3056 | Power Factor | 08 65 (0865 x 0.001) |
| 117 – 118 | 3057 | DC Insulation Resistance | 0 |
| 119 – 120 | 3058 |  |  |
| 121 – 122 | 3059 |  |  |
| 123 – 124 | 3060 |  |  |
| 125 – 126 | 3061 |  |  |
| 127 – 128 | 3062 |  |  |
| 129 – 130 | 3063 |  |  |

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