

Smart Meters



We offer a high quality energy solution and products in the global market. Unique Independent SMART GRID solution with utility meter and MDAS with flexible and plug play communication system with free bandradio, PLC and GPRS technologies is our USP. A unique and first of its Kind Telecom Power manager smarte is our Premium product in Telecom sector.

Our multiplatform technological expertise and multi domain knowledge drives us to deliver a one stop solution to all energy needs of a customer. We innovate and improvise solutions in no time and comprehend each solution with utmost customer benefit.

Products:

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| Meters <ul style="list-style-type: none"> ❖ Single, 3Ph Smart Meters ❖ Single, 3Ph Net Meters ❖ Single, 3Ph Bi-Directional Meters ❖ Single, 3Ph AMR Meters ❖ LTCTand DT Meters ❖ Prepaid Meters ❖ Dual Source Energy Meters | Communication <ul style="list-style-type: none"> • PLC Model – G3 Prime • LPR Modems (409Mhz, 865MHz, 2.4GHz, 433MHz) • GPRS Modems • Protocol Convertors | Gateway Products <ul style="list-style-type: none"> • DLMS to GPRS • DLMSto ZIGBEE / RF • DLMS to PLC • DLMS to Modbus |
| | Software Products <ul style="list-style-type: none"> • MDAS / MDMS • PLM / PQM • SGCC • Smart TOC | USP Products <ul style="list-style-type: none"> • Single Channel DCU • Multi Channel DCU • Smarte SMS on Module • Smarte Pro – SMS on Module |

TESOL TECHNOLOGIES LLC Address: P.B No.28484, M9, Plot-118-18E, Deira, Dubai, U.A.E.

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Credentials:

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| Technology | <ul style="list-style-type: none"> ❖ Tesol has a strategic tie-up with Inesh which has; ❖ Technology JV with SAOVIET metering Co, Vietnam ❖ Technical MOU with UNITEN University Malaysia ❖ 20 plus inventions, 5 plus patents* ❖ Metering OEM to Schneider, VGuard | Customers & Partners | <ul style="list-style-type: none"> • TANGEDCO - TN • National Institute of Wind Energy • BBS – Singapore • ENZEN Global – India • COMINTEL Malaysia • BBIPL • Rasi seeds | Products & Projects | <ul style="list-style-type: none"> • 10000+ GPRS Modem • 25+ Solar Installations • First Smart Meter Pilot in Chennai • Growing... |
|------------|--|----------------------|---|---------------------|--|

Technology:





Single Phase Smart Meter:

Multi Phase Smart Meter:

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| 1P Smart Meter | IEC 62056-21 IS 13779 Modbus 1.0 Accuracy class Connect disconnect Double Relay All Indian Tamper TOD/DSM 4 quadrant Measurement Plug and Play Communication Modular can work with PLC, ZIGBEE, LPR and GPRS 240V 5-30A, 10-60A RS 232/RS485 6 D 7S Display |  | 3P Smart Meter | IEC 62056-21 IS 13779 Modbus Connect disconnect Double Relay All Indian Tamper DSM/TOD 4 quadrant Measurement Plug and Play Communication Modular can work with PLC, ZIGBEE, LPR and GPRS Accuracy 1.0, 2.0 240V, 3P 4 Wire 5-30A, 10-60A |  |
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Data Concentrator Unit (DCU):

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| DCU | PLC/RF/LPR Mesh RS232 GPRS/LAN/WAN |  |
| | Inbuilt Memory Inbuilt Battery RTC AES 128b, ECC 192 | |
| | Inbuilt and external Modem Display and Non Display IP 54 and IP65 | |

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