



## ATA 25 Advanced Keypad Single Phase Prepayment Meter

Alcantar ATA 25 Prepayment Energy meters with keypad designed and procured to fully meet prepayment system requirements for Utilities. The meter can be used in credit (post-pay) or prepayment mode that has an option to switch remotely. Together with advanced features such as remote firmware upgrade, anti-tamper features, and a wide range of communications options the meters become a unique solution for all type applications in smart grids.

The meter together with our Smart Metering software development capabilities we are offering end to end AMI solutions in order to answer following difficulties.

- cash collection,
- asset management
- non technical losses reducing
- managing with bad payers,
- fraudulent existing meters
- remote tasks operation
- data collection, remotely
- load management



## ATA 25 Technical Specifications

Reference Standards :

IEC 62052-11 General requirements, tests, and test conditions– Part 11

IEC 62053-21 Particular requirements

Part 21: Static meters for active energy (Cl.1 and 2)

IEC 62055-31 Payments systems– Part 31: Particular requirements

Static payment meters for active energy (classes 1 and 2)

IEC 62056-61 Data exchange for meter reading, tariff and load control

Part 61: Object identification system (OBIS)

Accuracy : Cl.1 Active Energy

Nominal Voltage (Un) : 220 ... 240Vac ( 0.4 Un ...1.9 Un )

Nominal Current (In) : Ib(lmax) 5(100)A

Starting Current (Is) : 0.004 Ib

Nominal Frequency : 50 Hz / 60Hz

Internal Breaker : 1 pole or 2 poles option

Mechanical endurance : 10.000 cycle No Load condition  
3.000 cycle Max power at PF = 1

Meter Impulse : 1000 imp/kWh

Communications :

- Meter to CIU : RF, PLC, or RS 485

- Meter to HES (Center) : 3G, GPRS, PLC, BPL,

- Protocols : DLMS(COSEM), IEC 62046-21 Mode E

Dimensions : 125x199.6x79mm

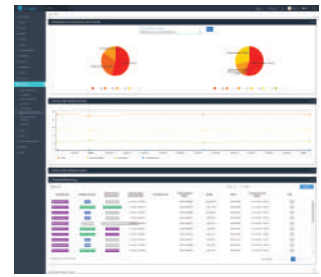
Weight : 0.85 kg

Mechanical Features : IP 54, double insulation

Limit Temperature : -40°C +75°C (3K7)

Humidity : 95%

HeadEnd, Billing, Prepayment Systems



4G, 3G, GPRS, PLC, BPL

Metering Place

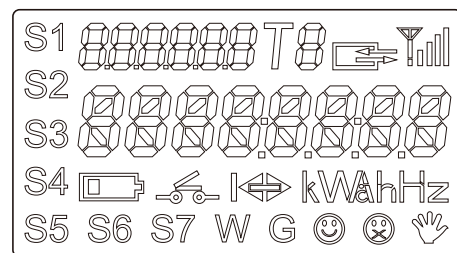


PLC, RF, RS485

Customer Information



## Display Features



## ATA 25 Energy Meter Dimensions

