



1phase smart FAHAM2 electricity meter

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1phase smart FAHAM2 electricity meter (4th edition, Made In Iran)

Technical details

| | |
|---------------------------------------|--|
| Type: | 1Phase, 2wire. FAHAM 2 standard |
| Nominal Voltage : | 230v |
| Nominal Current : | 5A |
| MAX. current : | 100A |
| Operating Voltage : | 150v ~ 265v |
| Withstand Voltage : | 460v |
| Accuracy class : | 1. class |
| Active & Reactive measurement error : | < 1% |
| Protection Class : | IP 54 |
| class measurement range : | 20mA ~ 100A |
| Connections : | IEC62056 standard "C" mode & "E" mode, DLMS protocol |
| Connection ports : | Optical port + RS485 |
| Int. battery : | Lithium ion |
| Ext. battery : | Replaceable CR2032 battery |
| services : | COSEM-RELEASE service |



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| | | | |
|---|---|---------------|----------------------------|
| Display : | Exclusive display with 60 degree visual angle | | |
| Memory : | At least 40years non-volatile memory | | |
| Clock: | Very accurate with Lower than 0.5second | | |
| Date : | Seasonal time(spring, winter) and leap years | | |
| Schedule : | 4tariffs consists of: Definable 10days, Definable 30 special days 6 weeks per a season, 6 seasons per a year | | |
| Events : | Capable to record all the events of the electricity meter | | |
| Magnetic fields : | Capable to record DC magnetic fields | | |
| MAX. Demand : | 1min ~ 60min Definable time intervals | | |
| Profile bar : | 2 types, Based on minute and day with 8 Definable & discrete channels | | |
| Operation Temperature : | (- 40) ~ (+ 85) | | |
| Electrical isolation : | 4Kv | | |
| Electrostatic ineffectiveness : | 15kv – IEC61000-4-2 standard | | |
| EFT: | 5kv on each wires – NO. IEC61000-4-4 standard | | |
| Electromagnetic compatibility standards (EMC) | IEC 61000-4-6 BS EN 55032 (CISPR 32) | IEC 61000-4-5 | IEC 61000-4-3 CCISPR 22 |

