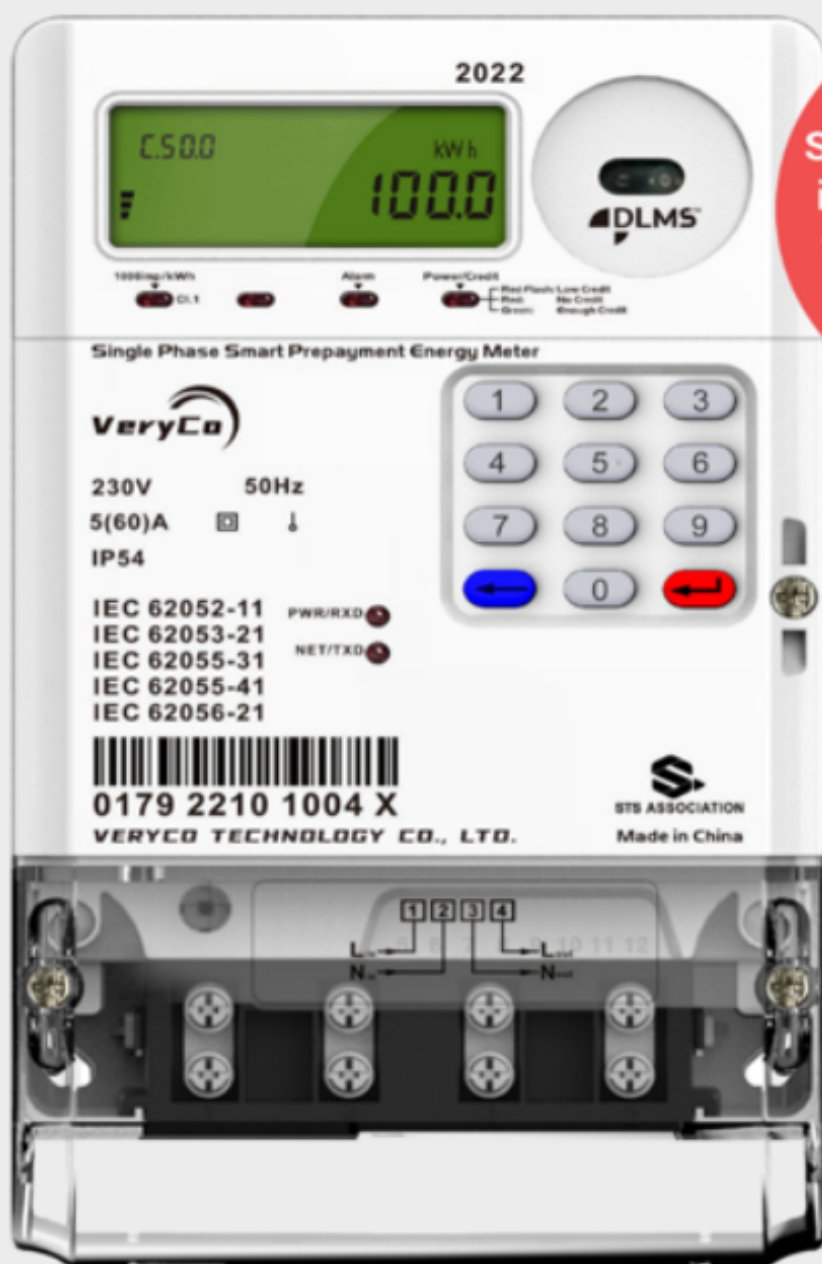


BS Single Phase AMI Meter



Smart meter for AMI implementation for the next decade of smart grid.

VC1002 is BS single phase smart modular AMI meter complying with international open communication protocols e.g IDIS,DLMS/COSEM and equipped with various HAN, NAN and WAN and hot & plug design communication modules to meet various customer site environment and technical requirements.

- Compliant with DLMS/COSEM
- Various HAN, NAN and WAN and hot & plug design communication modules with upstream and downstream communication channels options e.g. GPRS/3G/LTE, G3 PLC, WISUN RF, MBUS
- STS compliant,Support both STS unit and currency mode
- Support dual measurement units and dual contactors in both neural and live line
- Anti-tamper detection design
- Prepayment and post-payment switchable
- Multiple communication channels options to CIU e.g. PLC, Cable, RS485 or RF
- Import and export energy measurement
- Active energy measurement including forward active energy, reverse active energy, absolute active energy (|forward|+|reverse|), net active energy (forward-reverse)

- Multi-tariff metering system: power consumption measured according to tariff period Tariff shift through meter real-time-clock (RTC)
- Maximum demand measurement:block/sliding type
- RS-485 (USB port) communication port
- Local and remote disconnect/reconnect
- Local and remote recharge
- Local and remote firmware upgrade
- Load profile record (programmable to record channel number, time interval, data item)
- Data frozen function: Timing frozen, daily frozen, set frozen, event frozen available for measurement and value
- Event record, saving: Detect and record events such as loss phase, power off, abnormal voltage