

DIN rail Single Phase Smart Prepayment Meter



VC1802 is a DIN rail single phase smart AMI meter utilizing different communication Channels to CIU e.g. G3 PLC, WISUN RF, MBUS based on customer requirements.

- Compliant with DLMS/COSEM
- STS compliant, Support both STS unit and currency mode
- Support dual measurement units and dual contactors in both neutral 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