

RF Single / Three Phase Smart Card Prepayment Energy Meter



Specification:

1. Standard: IEC 62053-21:2003
2. Voltage: 220V (Single-Phase), $3 \times 220/380V$ (Three-Phase Four Wires),
3. $3 \times 100V$ (Three-Phase Three Wires)
4. Current: 1.5(6)A, 5(20)A, 5(30)A, 5(40)A, 5(60)A, 10(40)A, 10(60)A, 15(60)A, 20(80)A, 30(100)A
5. Frequency: 50Hz/60Hz
6. Accuracy Class: 2.0, 1.0
7. Pulse Constant(imp/kWh): 6400, 3200, 2400, 1600, 1200, 800, 400, 200
8. Clock Accuracy $\leq 0.5s/Day$ (Reference Temperature $23^{\circ}C$)
9. Power Consumption $\leq 1W/phase$
10. Data Storage Period ≥ 10 years, period for clock working since power off is ≥ 5 years

Features:

1. Product's Type: One Card One Meter, Multi Cards One Meter, One Card Multi Meters, Special Load Identification.
2. Electric Power Measurement: Positive active power and reverse active power which can be measured.
3. Prepayment: Smart Card prepaid, electricity sector receive energy charge in advance through selling Smart Card. User pay first.
4. Ladder Billing: Two schemes for electricity price. It can automatic changeover when at promissory time or reach certain value.
5. Manner of Working: Warning/Overdraw Manner. Warning/Overdraw electricity, maximum accumulations can be set.
6. Protections: Over Voltage, Over Current, Over Load Protections.
7. Display Method: LED or LCD display the rest electricity(charge), cumulative electricity consumption, current power in alternate way.
8. Interface Protection: Perfect interface protection circuit, which keeps the meter from all kinds of vicious attack, no damaging for meter, no lose for data, and no delay for active.
9. Communication Mode: Infrared, RS485 interface or carrier communication module (Optional).
10. Power Supply System: Three-phase power supply or it can work while just one phase has electricity if three phase four wires.
11. Management System: Suit for smart card energy meter management system (SKZHFN3.17-SD), water/electricity "one card" management system (SKZHFN3.17-YKT).