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~LOGGING

## ZAPλ 3AM+

### LOGGING

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### ENERGY DEMAND LOGGING MULTI-TARIFF METER

#### Quick feature guide:

- 4 Quadrant, billing meter for active (Wh) and reactive (VARh) energy demand (VA)
- 3 Phase , CT and VT connected meter
- Class 1 accuracy / Class 0.5 / lass 0.2
- Full multi-tariff (TOU) billing meter with auto registration
- Source of Supply (SOS) metering, ideal for cogeneration
- Extensive 6 channel logging from 32 readings and event recording
- Remote automated meter data acquisition via IP or GSM-GPRS/SMS
- Large, multi function LC-Display with IEC 62056-61 OBIS code
- Replaces instrumentation with live display
- Certified compliance with standards: IEC 62053-21, IEC62053-23
- Manufactured under ISO 9001:2000 quality standards
- Engineering software included / available for download at no charge



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## ZAPπ 3AM+

### PROFILING

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### ENERGY DEMAND LOGGING MULTI-TARIFF METER

#### Quick feature guide:

- Billing meter for active (Wh) and reactive (VARh) energy demand (VA)
- 3 Phase , CT or high load current direct connect meter configuration
- Class1 accuracy / Class 0.5
- Flexible multi-tariff (TOU) billing meter with auto registration
- Profile logging of total energy and average energy demand
- Remote automated meter reading ready
- Large, multi function, backlight, LC-Display with IEC 62056-61 OBIS code
- Replaces need for instrumentation meters with scrolling display
- Certified compliance with standards: IEC 62053-21, IEC62053-23
- Manufactured under ISO 9001:2000 quality standards
- Engineering software included / available for download at no charge

# ZAP03BE



## LOGGING

### ENERGY DEMAND LOGGING MULTI-TARIFF METER

#### Quick feature guide:

- 4 Quadrant, billing meter for active (Wh) and reactive energy (VArh) demand (VA)
- 3 Phase , CT and VT 110V connected meter
- Class-1 accuracy
- Flexible multi-tariff time of use (TOU) billing meter with monthly auto registration
- Extensive 4 channel data logging from 18 readings and event recording
- Remote automated meter reading ready through configurable IO
- Large, scrolling LC-Display which replaces instrumentation meters
- Certified compliance with standards: IEC 62053-21, IEC 62053-23, (SABS) and OF GEM (UK)
- Manufactured under ISO 9001:2000 quality standards
- Engineering software included / available for download at no charge

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# ZAP03DS



### THREE PHASE ACTIVE (Wh) ENERGY METER

#### Quick feature guide:

- Billing meter for active energy (Wh)
- 3 Phase , CT and VT connected meter
- Class-1 accuracy (exceeds 0.5%)
- Large, multi function LC-Display
- Standard 7 module DIN size
- On site setup and data communication via flag port
- Certified compliance with standards: IEC 62053-21
- Manufactured under ISO 9001:2000 quality standards
- Engineering software included / available for download at no charge

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# ZAP $\epsilon$ 1CS

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### SINGLE PHASE ACTIVE (Wh) ENERGY METER

#### Quick feature guide:

- Billing meter for single phase active (kWh), import & export energy
- Class-1 accuracy
- Compact form factor with seamless enclosure
- Low cost, no maintenance required
- On site easy meter communication via infrared flag port
- ZAP $\epsilon$  1CS+ is remote automated meter reading ready through serial port
- Large, always on LC-Display allows visual reads during power failures
- Certified compliance with standards: IEC 62053-21, IEC 62052-11
- Manufactured under ISO 9001:2000 quality standards
- DIN rail bracket available for easy installation
- Engineering software included / available for download at no charge



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