

ZCG100 AS



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★★★☆☆ |
| Anti-tampering | ★★★★☆ |
| Communication | ★★★☆☆ |

- + **Application**
Residential 1PH direct connected
current range 5 (80) A, active (reactive optional)
class 1/2 (IEC)
- + **Rate control**
Single rate or externally switched two rates
meter (optional)
- + **Interfaces**
Pulse output S0/r53 (optional)
Optical interface IEC 62056-21 mode C

NEWS:

- + ***MID approval in progress and obtained by the end of April 2008***

ZCG100 AT



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★★★★☆ |
| Anti-tampering | ★★★★☆ |
| Communication | ★★★★☆ |

- + **Application**
Residential 1PH direct connected
current range 5 (80) A, active (reactive optional)
class 1/2 (IEC)
- + **Rate control**
Internally switched (TOU), two or four rates meter (optional)
- + **Interfaces**
Pulse output S0
Optical interface IEC 62056-21 mode C
- + **No power read**
Battery for no power read (optional)

NEWS:

- + *MID approval in progress and obtained by the end of April 2008*
- + *Interface available 4Q08*
- + *OBIS code on display available 4Q08*

ZME100 AC



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★★★☆☆ |
| Anti-tampering | ★★★☆☆ |
| Communication | ★★★☆☆ |

- + **Application**
Residential 3PH direct connected
current range 5 (100) A, active only class 1/2
(IEC) or B/A (MID).
- + **Rate control**
Single rate or externally switched two
rates meter (optional)
- + **Interfaces**
Optical and pulse output S0/r53,
programmable as periodic data output
(optional)

NEWS:

- + *Voltage on normal display mode*

ZMD100 AS



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★★★☆☆ |
| Anti-tampering | ★★★☆☆ |
| Communication | ★★★☆☆ |

- + **Application**
Residential 3-phase direct connected
current range 5 (100) A, active only class 1/2
(IEC).
- + **Rate control**
Externally switched single or two rates meter
(optional)
- + **Interfaces**
Pulse output S0/r53 (optional)
- + **Solar cell**
Solar cell for no power
readout (optional)

NEWS:

- + *none*

ZMD100 AP



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★★★☆☆ |
| Anti-tampering | ★★★☆☆ |
| Communication | ★★★☆☆ |

- + **Application**
Residential 3-phase direct connected
current range 5 (100) A, active only class 1/2
(IEC) or B/A (MID).
- + **Rate control**
Externally switched one, two or four rates
meter (optional)
- + **Interfaces**
Optical and pulse output S0/r53,
programmable as CS (optional)
- + **dlms**
dlms and IEC62056-21
protocols supported

NEWS:

- + *none*

ZMD100 AR



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★★★★★ |
| Anti-tampering | ★★★☆☆ |
| Communication | ★★★★☆ |

- + **Application**
Residential 3-phase direct connected
current range 5 (120) A, active only class 1/2
(IEC) or B/A (MID)
- + **Rate control**
Externally and internally switched two or four
rates meter, four demand tariffs, stored
values
- + **Interfaces**
Optical and pulse output S0/r53,
programmable as CS or M-Bus (optional)
- + **dlms**
dlms and IEC62056-21
protocols supported

NEWS:

- + *none*

ZMR100 AC/CC



Ready in 2nd half of 2008

- + **Application**
Residential 3-phase direct connected
current range 5 (125) A, active class 1/2
(IEC) or B/A (MID), Reactive class 2
- + **Rate control**
Externally and internally switched four rates
meter, 2 demand tariffs, stored values
- + **Interfaces**
Optical and pulse output S0/r53,
programmable as CS or M-Bus (optional)
- + **dlms**
dlms and IEC62056-21
protocols supported
- + **Other**
no power read (LCD, optical)
anti-tampering features: DC field detection,
terminal and meter cover detection
Diagnostic values (U_x, I_x, P_{tot}, Q_x, Q_{tot}, PF_x)

ZxF100 AC/AB



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★★★☆☆ |
| Anti-tampering | ★★★☆☆ |
| Communication | ★★★★★ |

- + **Application**
Residential 3PH direct connected current range 5 (80) A, active only class 1/2 (IEC) or B/A (MID)
- + **Rate control**
Up to 2 rates import/export controlled by AM modules
- + **Interfaces**
Optical and AMR interface
- + **Switch-off functionality**
Disconnecter (optional)
- + **Modular**
Upgradeable with different AM modules

NEWS:

- + *Instantaneous current measurement available*
- + *4 tariffs import / 4 tariffs export available*

ZCF100 AC/AB



| | |
|-----------------|-------|
| Reliability | ★★★★★ |
| Complex billing | ★☆☆☆☆ |
| Anti-tampering | ★★★★☆ |
| Communication | ★★★★★ |

- + **Application**
Residential 1PH direct connected
current range 5 (80) A, active only
class 1/2 (IEC) or B/A (MID)
- + **Rate control**
Up to 2 rates import/export controlled by AM
modules
- + **Interfaces**
Optical and AMR interface
- + **Switch-off functionality**
Integrated disconnecter (optional)
- + **Modular**
Upgradeable with
different AM modules (L+G or partners)

NEWS:

- + *none*

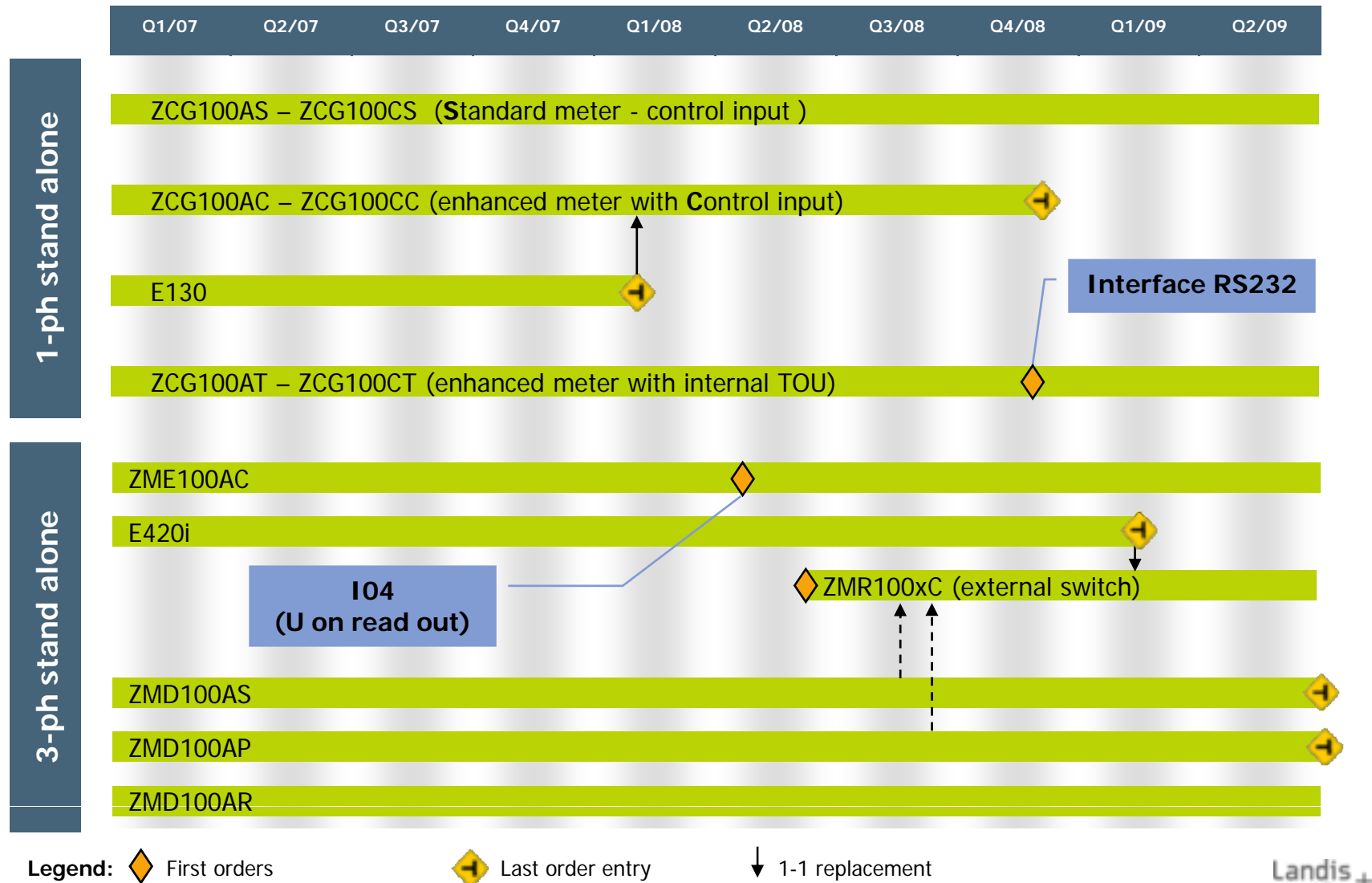
Looking forward to support you for a better 2008



Please come to our workshop this afternoon !

Portfolio Development

Residential Electronics



Portfolio Development

Residential AM

