

DECLARATION OF MEASUREMENT ACCURACY

We, Plugwise B.V.,
(*manufacturers name*)

Wattstraat 54
2171 TR Sassenheim, the Netherlands
(*manufacturers address*)

Declare under our responsibility that the electrical product:

Plugwise (<i>name</i>)	Stealth, Stealth (M)+ (<i>type / model</i>)	Controller (<i>product description</i>)
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Is within the measurement accuracy as specified in the tables below which are derived from:

European standard NEN-EN-IEC 62053-21:2003
Electricity metering equipment (Class 1)

And comparable to:

Measuring Instruments Directive (MID) 2004/22/EC, for accuracy class B equipment.

Parameters	Power factor	Error	Remarks
Limits of error due to variation of the current			
$0.003 I_b \leq I \leq I_{max}$	1	$\pm 5\% \pm 0.5W$	$I_b = 1.5A$, $I_{max} = 16A$ 230VAC, 50Hz, 23°C Power range: 1.035 – 3680W

Table 1 - Error of real time measurement

Parameters	Power factor	Error	Remarks
Limits of error due to variation of the current			
$0.003 I_b \leq I \leq I_{max}$	1	$\pm 1\% \pm 0.2W$	$I_b = 1.5A$, $I_{max} = 16A$ 230VAC, 50Hz, 23°C Power range: 1.035 – 3680W (1 hour cumulative data)
$0.003 I_b \leq I \leq I_{max}$	1	$\pm 1\% \pm 0.25W$	$I_b = 1.5A$, $I_{max} = 16A$ 230VAC, 50Hz, 23°C Power range: 1.035 – 3680W ≥ 1 minute cumulative data

Table 2 - Error of cumulative measurement

Sassenheim, December 20, 2012
(*place, date*)




Ing. Reinder G.J. Sanders
Product manager

(*signature, name and function*)



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(*manufacturers name*)

Wattstraat 54
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(*manufacturers address*)

Declare under our responsibility that the electrical product:

Plugwise (<i>name</i>)	Circle/Circle+ (<i>type / model</i>)	Plug-in adapter (<i>product description</i>)
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Plugwise (<i>name</i>)	Sting / Sting (M) + (<i>type / model</i>)	Plug-in adapter (<i>product description</i>)
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