

EC Type Examination Certificate Number: UK/ 0120/ SGS0003

WinAMR Systems Private Limited

209 Myhome Tycoon Begumpet HYDERABAD-500 016. AP INDIA

Instrument Identification:

EM5868

Single Phase, AMR, Multi-tariff, Import/ Export, Credit/ Pre-payment, with remote switching, Electricity Meter

Instrument Traceable Number

UK/ 0120/ SGS0003

has been assessed and certified as meeting the requirements of

EC Directive 2004/22/EC

on Measuring Instruments Annex B

It is certified that the manufacturer's technical design and specimen for the above instrument has been examined and, based on the evidence submitted, it is considered that the instrument conforms to the requirements of MI-003 of EC Directive 2004/22/EC.

This certificate is to be used in conjunction with a certificate covering the product verification as required in Annex D or Annex F.

This certificate is valid for 10 years from 14th November 2007 until 13th November 2017 Issue 2

Certification is based on report number(s) EMA107739/ 1 dated 14th November 2007

Notified Body Number 0120

Authorised Signature

(€ 0120

Notified Body

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P. Earl

EC Type Examination Cert.

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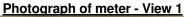


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Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0003

Manufacturer	:	WinAMR Systems Private Limited			
Manufacturer	•	WITANIA Systems Fin	ale Limiteu		
Type of Meter(s)	:	EM5868			
Description of Meter	:		Multi-tariff, Import/ Expo	ort, Cred	dit/ Pre-payment, with
		remote switching, Ele	ctricity Meter		
Accuracy Class(es)	:	A or B (kWh)	Software Version No.	:	1.1.3
		,	Location	:	Nameplate
Firmware Version No.	:	1.1.3	Bill Of Materials No	:	winAMRBOM
Location	:	Nameplate			
		•			
Meter Location	:	Indoor	Sealing Type	:	Wire & Crimp
			Location	•	2 x Back of Meter
		Inaccessible without			
Integrity of Meter	:	breaking seals	Temperature Range	:	-25°C to 55°C
miceging of motor	•	Droaking occio	Temperature riange	•	20 0 10 00 0
Type of Circuit	:	1p2w	Frequency		50Hz
Type of Circuit	•	ιρενν	i requericy	•	JUI 12
			Wallana Banana (15)		0001/
Current Range (A)	:	0,25-5(100)A	Voltage Range (V)	:	230V



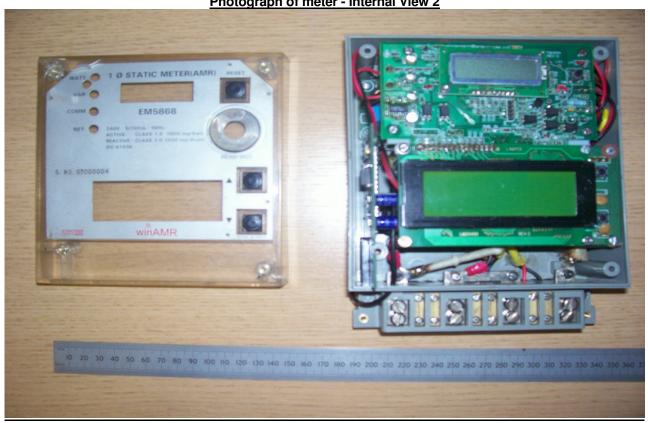




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Photograph of meter - Internal View 2



Photograph of meter - Internal View 3





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Product Variant Identification Details:

Type Designation

Description of meter

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W
       Manufacturer: WinAMR
 S
       Type: 1 phase 2 wire
   D
        Connection: Direct Connected
     Ρ
           Billing: prepaid only (with AMR port)
     В
           Billing: credit and prepaid (with AMR port)
               Energy Flow direction: Import Only
       В
               Energy Flow direction: Import & Export Only
       Ε
               Energy Flow direction: Export Only
                 Measurements: Active parameters
         R
                 Measurements: Active & reactive parameters
                 AMR Comm. Port: GSM
            G
              Ν
                   Local Comm. Port: None
                     Load Switching: Internal Contactor
               ı
                0
                      Pulse Input Channels: None
                       Pulse Input Channels: One
                1
                2
                      Pulse Input Channels: Two
                 1
                        Time of use (TOU): 1 Tariff
                 2
                        Time of use (TOU): 2 Tariffs
                        Time of use (TOU): 4 Tariffs
                 4
                 6
                        Time of use (TOU): 6 Tariffs
                        Time of use (TOU): 8 Tariffs
                         Max. Demand Periods: 5, 15, 30, 60 minutes
                  4
                         Max. Demand Periods: 15, 30 minutes
                  2
                         Max. Demand Periods: 30 minutes
                   Ν
                           Load Profiling: None
                   2
                           Load Profiling: half hourly demand with 20 day storage
                   1
                           Load Profiling: half hourly demand with 100 day storage
                   3
                           Load Profiling: half hourly demand with 300 day storage
                   4
                           Load Profiling: half hourly demand with 400 day storage
                            Power Quality Analysis: Disabled
                    D
                    Ε
                            Power Quality Analysis: Enabled
                              Anti Tamper Alerts: Enabled
                      Ε
                              Anti Tamper Alerts: Disabled
                      D
                                       Accessories: Short Terminal Cover
                              L
                               1
                                         Enclosure: IP51
                                ı
                                           Antenna: Internal
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Modifications to the meter(s) described according to approval No.UK/0120/SGS0003 must be notified to the issuing body to confirm the meter(s) continuing compliance to the relevant pattern approval standard(s).