

MIRO Three Phase Power Quality Logger and Analyser Kits

Build your PQ35 kit



Built kit = Instrument type + Instrument accessories + voltage leads and attachments + Current probes + Kit accessories

Step 1: Select instrument type

Table 1 - Instrument types

Index	Instrument	Base	Cellular 3G	Cellular 4G		Measures
1	PQ35	✓				3 voltages + 4 currents + 2 temperatures
2	PQ35-3G		✓			
3	PQ35-4G			✓		

Step 2: Cellular antenna type

Table 2 - Instrument accessories

Quantity	Description	Part number	Instrument
1	Cellular 3G Antenna	1A3GANT	PQ35-3G
1	Cellular 4G Antenna	1A4GANT	PQ35-4G

Note: Additional instrument accessories are provided dependent upon instrument selection.

Step 3: Select voltage leads and attachments

Table 3 - Voltage leads and attachments

Description	Part number
Voltage leads	
Fused 3 phase 3 wire lead for delta connection (3P)	1AVL3
Fused 3 phase 3 wire lead for delta connection (3P) with large fused clamps	1AVL3C2
Fused 3 phase 4 wire lead for star/wye connection (3P+N)	1AVL4
Fused 3 phase 4 wire lead for star/wye connection (3P+N) with large fused clamps	1AVL4C2
Fused 3 phase 6 wire lead for star/wye/delta connections (3P+3N)	1AVL6
Fused 3 phase 6 wire lead for star/wye/delta connections (3P+3N) with large fused clamps	1AVL6C2
Attachments	
3 phase 3 wire banana plug fused attachment with small clamps (crocodile clips)	1AAC3BC
3 phase 3 wire tinned end fused attachment with fuses	1AAC3TE
3 phase 4 wire banana plug fused attachment with small clamps (crocodile clips)	1AAC4BC
3 phase 4 wire tinned end fused attachment with fuses	1AAC4TE
3 phase 6 wire banana plug fused attachment with small clamps (crocodile clips)	1AAC6BC
3 phase 6 wire tinned end fused attachment with fuses	1AAC6TE
2A HRC Fuse for voltage cable	10169

Step 4: Select current probes

Table 4 - Current probes

Description	Part number
Flexible AC current probes	
CAT IV 600V flexible current probe (3000A, 600mm) (green coil)	1AFF3000-6-G
CAT IV 600V flexible current probe (3000A, 350mm) (blue coil)	1AFF3000-3
CAT IV 600V flexible current probe (3000A, 600mm) (blue coil)	1AFF3000-6
CAT IV 600V flexible current probe (3000A, 900mm) (blue coil)	1AFF3000-9
High sensitivity CAT IV 600V flexible current probe (dual range, 600mm)	1AFF3000-6-H
Clamp-on AC current probes	
15 series CAT III 600V current clamp-on probe (15mm aperture, 100A)	1ACR100S
52 series CAT IV 600V current clamp-on probe (52mm aperture, 100A)	1ACR100
52 series CAT IV 600V current clamp-on probe (52mm aperture, 500A)	1ACR500
52 series CAT IV 600V current clamp-on probe (52mm aperture, 1000A)	1ACR1000
AC current converters	
Three Phase Current Transformer Converter, 1A:200mA	1ACK1
Three Phase Current Transformer Converter, 5A:200mA	1ACK5
Clamp-on AC/DC current probes	
52 series clamp on AC/DC 500A current probes	1ADCR500

Note: Can select more than four probes to accommodate for various applications.

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Every kit contains all items listed in table 5

Table 5 - Kit accessories

Quantity	Description	Part number
1	Single phase power lead	1APC4
1	GPS antenna with magnetic mount	1AGPSANTM
1	Temperature probe (ambient)	1ATEMPSENAMB
1	Temperature probe (surface with magnetic mount)	1ATEMPSENSUR
1	12VDC regulated power adaptor	1ADC12VPS
1	Mini USB lead (a mini-B connector) for communications	1AUSBMINIB
1	Power quality instruments carry bag	1ACBP5
1	CITRUS application software	1ACITRUS

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Build your PQ45 kit



Built kit = Instrument type + Instrument accessories + voltage leads + Current probes + Kit accessories

Step 1: Select instrument type

Table 1 - Instrument types

Index	Instrument	Base	Cellular 3G	Cellular 4G		Measures
1	PQ45	✓				4 voltages + 4 currents + 2 temperatures
2	PQ45-3G		✓			
3	PQ45-4G			✓		

Step 2: Cellular antenna type

Table 2 - Instrument accessories

Quantity	Description	Part number	Instrument
1	Cellular 3G Antenna	1A3GANT	PQ45-3G
1	Cellular 4G Antenna	1A4GANT	PQ45-4G

Note: Additional instrument accessories are provided dependent upon instrument selection.

Step 3: Select voltage leads

Table 3 - Voltage leads

Description	Part number
Voltage leads	
Fused 3 phase 5 wire coloured lead for star/bye connection (3P+N+G) with banana plugs and detachable small clamps (crocodile clips)	1AVL5-B-C1
Fused 3 phase 5 wire coloured lead for star/bye connection (3P+N+G) with large fused clamps	1AVL5-C
Fused 3 phase 8 wire coloured lead for star/bye/delta connection (3P+3N+2G) with banana plugs	1AVL8
Fused 3 phase 8 wire coloured lead for star/bye/delta connection (3P+3N+2G) with banana plugs and detachable small clamps (crocodile clips)	1AVL8-B
Fused 3 phase 8 wire coloured lead for star/bye/delta connection (3P+3N+2G) with large fused clamps	1AVL8-C

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Step 4: Select current probes

Table 4 - Current probes

Description	Part number
Flexible AC current probes	
CAT IV 600V flexible current probe (3000A, 600mm) (green coil)	1AF3000-6-G
CAT IV 600V flexible current probe (3000A, 350mm) (blue coil)	1AF3000-3
CAT IV 600V flexible current probe (3000A, 600mm) (blue coil)	1AF3000-6
CAT IV 600V flexible current probe (3000A, 900mm) (blue coil)	1AF3000-9
High sensitivity CAT IV 600V flexible current probe (dual range, 600mm)	1AF3000-6-H
Clamp-on AC current probes	
15 series CAT III 600V current clamp-on probe (15mm aperture, 10A)	1AC10
15 series CAT III 600V current clamp-on probe (15mm aperture, 100A)	1AC100S
52 series CAT IV 600V current clamp-on probe (52mm aperture, 100A)	1ASC100
52 series CAT IV 600V current clamp-on probe (52mm aperture, 500A)	1ASC500
52 series CAT IV 600V current clamp-on probe (52mm aperture, 1000A)	1ASC1000
Clamp-on AC/DC current probes	
52 series clamp on AC/DC 500A current probes	1ADC500

Note: Can select more than four probes to accommodate for various applications.

Every kit contains all items listed in table 5

Table 5 - Kit accessories

Quantity	Description	Part number
1	Single phase power lead	1APC5
1	GPS antenna with magnetic mount	1AGPSANTM
1	Temperature probe (ambient)	1ATEMPSENAMB
1	Temperature probe (surface with magnetic mount)	1ATEMPSENSUR
1	12VDC regulated power adaptor	1ADC12VPS
1	Mini USB lead (a mini-B connector) for communications	1AUSBMINIB
1	Power quality instruments carry bag	1ACBP5
1	CITRUS application software	1ACITRUS