

| <b>CA8345</b>                  |                                                    |
|--------------------------------|----------------------------------------------------|
| Inputs                         | Voltage/current, isolated                          |
| Voltage                        | 5 V to 1,000 V <sub>AC</sub> and V <sub>DC</sub>   |
| IEC 61000-4-30 (Ed 3)          | Class A (Full)                                     |
| Screen                         | 7" colour LCD touch screen: 800 x 480 (WVGA)       |
| Clock / GPS                    | Yes, built-in                                      |
| Real-time mode                 | Yes                                                |
| Sampling rate                  | Voltage 400 kSps / Current 200 kSps / Surge 2 MSps |
| Power mode                     | Yes                                                |
| Energy mode                    | Yes                                                |
| Unbalance mode                 | Composite                                          |
| Harmonics mode                 | DC to 63rd order                                   |
| Interharmonics mode            | 0 to 62nd order                                    |
| Trend recording                | > 900 parameters                                   |
| Alarm mode (types / number)    | 52 / 20,000                                        |
| Carrier current detection mode | Yes                                                |
| Inrush capture (number)        | 100                                                |
| 2.5 µs transients (number)     | No maximum (SD card)                               |
| Shockwaves                     | Up to 12 kV sampled every 500ns                    |
| EN50160 monitoring mode        | With PAT3 software                                 |
| USB communication              | Yes                                                |
| SD card                        | Accessible, external                               |
| Ethernet                       | Yes                                                |
| Wifi                           | Yes                                                |
| Web server                     | Yes                                                |
| USB key port (Type A)          | Yes                                                |
| Battery cartridge              | Li-ion – 5800 Ah                                   |
| IEC 61010 safety               | CAT IV 1000V                                       |
| Protection                     | IP54                                               |
| Operating temperature          | [+0 °C; +40 °C]                                    |
| Environmental compliance       | IEC 61557-12 & IEC 62586                           |
| Dimensions (H x L x D)         | 200x285x55 mm / 1.9 kg                             |
| Warranty                       | 3 years                                            |

## CA 8345 delivered with

- Safety datasheet
- 5 reeling boxes
- Shoulder bag
- USB A/B cable 1.80 m long
- Multilingual Quick Start Guide
- Set of 5 banana leads and crocodile clips
- Set of identification inserts and rings
- Verification certificate
- Removable wrist strap
- Magnetic hook
- SD memory card

## CA 8345 standard.....P01160657

- PA40W-2 mains power supply/charger

## CA 8345-1000.....P01160658

- PA32ER mains power supply/charger

## Accessories / Replacement parts

- 1000V STD PA32ER power supply..... P01103076
- PA40W-2 mains adapter..... P01102155
- C8 adapter..... P01103077
- Bag..... P01298083
- SD card..... P01103078
- Magnetized hook..... P01103079
- Wrist strap..... HX0122
- External battery charger support..... P01102130
- Li-ion battery..... P01296047
- C193 clamp..... P01120323B
- MN93 clamp..... P01120425B
- MN93A clamp..... P01120434B
- E27 clamp..... P01120027
- E3N/E27 adapter..... P01102081
- PAC93 clamp..... P01120079B
- J93 clamp..... P01120110
- In-vehicle charger..... HX0061
- AmpFlex® A193-450 mm clamp..... P01120556B
- AmpFlex® A193-800 mm clamp..... P01120531B
- MiniFlex MA194-250 mm clamp..... P01120593
- MiniFlex MA194-350 mm clamp..... P01120592
- MiniFlex MA194-1000 mm clamp..... P01120594
- 5 A casing..... P01101959
- ESSAILEC casing..... P01102131
- PAC 93 mains adapter..... P01101967
- Reeling box..... P01102149
- Kit of banana leads with crocodile clips x5 P01295483
- C7 mains power cable..... P01295174

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