

Power QUALITY ANALYZERS

(Is designed and manufactured by KPS)



VOLTAGE (TRMS)

Øphase-phase: 7-1000VAC 40-70Hz
Phase-neutral: 5-600VAC 40-70Hz Aux:
5-1000VAC 40-70Hz, 10-1400VDC



POWER

Single phase and total power:
Values < 999 GW, Gvar, GVA



EVENTS

Interruptions: >500ms
Dips: >500ms
Swells: >500ms



CURRENT (TRMS)

Rango: 6-3000A
Ratio: 1-60000



HARMONICS

Up to 50th order



TRANSIENTS

Swells and overcurrent's > 150µs
Inrush current analysis



SKU	UPC	EAN
KPSPQA2030CBINT	810053671948	8435394776194

POWERCOMPACT3020 (designed and manufactured by KPS)

Is a powerful, portable network analyzer developed for professional analysis of consumption and power quality of the most complex electrical networks. It can be used on singlephase, two-phase, three-phase (balanced and unbalanced) networks, low and medium voltage. The advanced features and analysis software supplied makes it a suitable tool to the most demanding professional needs.

The instrument can be held indifferently through its ergonomic rubber guard, or supported thanks to its integrated removable stand or magnetic captors, both to simplify measurements in the field or near a PC.

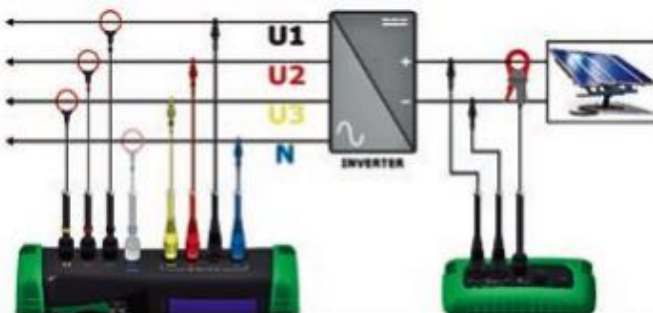
Elegant membrane keypad with 10 buttons with dual function provides an easy and intuitive navigation menu.

Equipped with a large (68x68mm) and efficient LCD display, which allows the display of waveforms, graphics..etc. White pixels on a dark blue background provide a great visuality of the screen.



MULTIPLE INPUTS

- 3 voltage channels **U1**, **U2** and **U3**, with common neutral (**N**), and 4 independent current channels **I1**, **I2**, **I3**, **In**.
- An independent, auxiliary voltage input (**UAUX**) and an independent, auxiliary current input (**IAUX**) are also available.



Connection diagram in a photovoltaic network

Suitable for any network: • 3φ+N

- 3φ
- 2φ
- 1φ
- PV systems

* The DC current clamp and additional voltage cables are optional accessories.

COMPLETE KIT

Contents

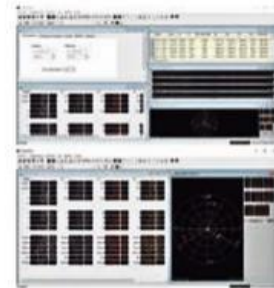
- Voltage test leads POWERCOMPACT/VTL - 4 pcs
- Cocodrile POWERCOMPACT/AL - 4 pcs
- Rowgosky AC current clamps(ULTRAFLEX3000) - 3 pcs
- Battery pack POWERCOMPACT/BAT (4x AA NiMH 2100mAh) - 1pc
- mSD 16Gb
- External power supply +adapters POWERCOMPACT/PS - 1set
- Calibration certificate
- User manual



POWERFULL ANALISYS

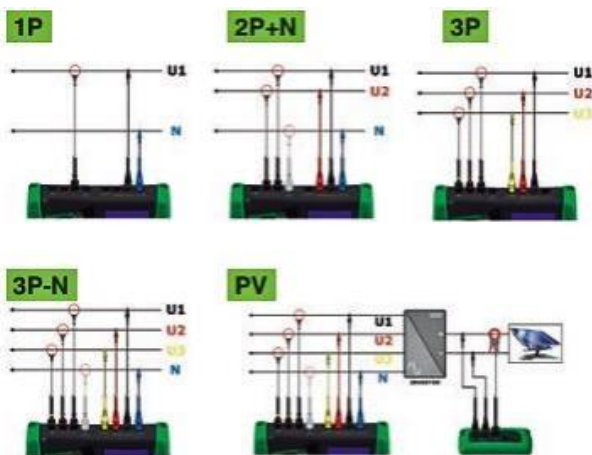
- Data storage through external SMD card (16 Gb)
- Communication to PC through USB port
- Professional Software POWERCOMPACT/Studio for full análisis of parameters, events, graphs...etc

(Included on kit and available on website for downloading)



CONNECTING SYSTEM

- Single phase
- Two phase
- Three-phase, 3-wires, balanced
- Three-phase, 3-wires, unbalanced
- 3-phase, 4-wires, balanced
- 3-phase, 4-wires, unbalanced



FUNCTIONALITY & PARAMETERS

- Traditional electrical análisis: V, I, P, Q, S, F, PF, THD(V)%, THD(I)%, $\cos\phi$, ϕ , peaks, minimums, maximums, averages, max. demands, etc.
- Neutral current
- Three phase counters: kWh, kVAh, kVAh, both absorbed that generated
- Counters for each single pase: kWh, kVAh, kVAh, both absorbed that generated
- Cogeneration
- Waveforms: V & I
- Harmonics: Values and histograms up to the 50th order
- Sags : Dips, swells & interruptions
- Transients: Overvoltages & overcurrents • Unbalance
- Test EN 50160
- Inrush current
- DC measures
- K factor: Up to the 25th order
- Alarms: Displayed
- Alarms log: 5 at display
- Tariff bands:4
- Energy costs



POWERCOMPACT
CL5A



POWERCOMPACT
CL200A



POWERCOMPACT
CL1000A



POWERCOMPACT
CL600A



ULTRAFLEX3000

SKU	KPSPQA5ACBINT	KPSPQA200ACBINT	KPSPQA1000ACBINT	KPSPQA600ACBINT	KPSFLEX3000ACBINT
UPC	810053673355	810053673362	810053673379	810053673386	810053673393
EAN	8435394776200	8435394776217	8435394776224	8435394776231	8435394776248
Current measurement range	0,01 - 5A AC	0,5 - 200A AC	0,1 - 1000A AC	0,2 - 400A AC 0,4 - 600A DC	6 - 3000A AC
Jaw capability	Max. cable Ø20 mm 1 busbar 20x5 mm	Max. cable Ø20 mm 1 busbar 20x5 mm	Max. cable Ø52 mm 1 busbar 50x5 mm 4 busbars 30x5 mm	1 cable Ø30 mm 2 cables Ø24 mm 2 busbars 31.5x10 mm	1 cable Ø150 mm



POWERCOMPACT/VTL-R



POWERCOMPACT/VTL-B



POWERCOMPACT/VTL-Y



POWERCOMPACT/VTL-BL

SKU	KPSPQAVREDPEINT	KPSPQAVBLACKPEINT	KPSPQAVYELLPEINT	KPSPQAVBLUEPEINT
UPC	810053673409	810053673416	810053673423	810053673430
EAN	8435394776255	8435394776262	8435394776279	8435394776286
Length	1,5 m	1,5 m	1,5 m	1,5 m
Color	Red	Black	Yell	Azul
Max. current	10A	10A	10A	10A
Safety rating according to EN61010	CAT III 1000V	CAT III 1000V	CAT III 1000V	CAT III 1000V



POWERCOMPACT/VTL-R



POWERCOMPACT/VTL-B



POWERCOMPACT/VTL-Y



POWERCOMPACT/VTL-BL

SKU	KPSPQAAREDP EINT	KPSPQAABLACKPEINT	KPSPQAAYELLPEINT	KPSPQAABLUEPEINT
UPC	810053673447	810053673454	810053673461	810053673478
EAN	8435394776293	8435394776309	8435394776316	8435394776323
Opening	45 mm	45 mm	45 mm	45 mm
Color	Red	Black	Yellow	Blue
Max. current	10A	10A	10A	10A
Safety rating according to EN61010	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V



POWERCOMPACT/MAGTL



POWERCOMPACT/BAT



POWERCOMPACT/PS

SKU	KPSPQAMAGPEINT	KPSPQABATPEINT	KPSPQAPOWC BINT
UPC	810053673485	810053673492	-
EAN	8435394776330	8435394776347	8435394776354
Description	4 magnetic captors set	Replacement battery	External power supply with adapters

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