

# CPC 100

## Ordering Information



# CPC 100 ordering information











## CPC 100 Packages

Hardware packages are available in different configurations, which can be chosen during the test set configuration.

	Description	Ordering No.	CPC Hardware	Cable	CP TD case
<b>CPC 100 Basic Package</b>	Package including CPC 100 and all accessories to perform basic checks on primary assets.	P0000658	■	■	–
<b>CPC 100 Standard Package</b> <small>includes CPC 100 Basic Package</small>	Package including CPC 100 and all accessories to perform common electrical tests on instrument and power transformers.	P0000659	■	■	–
<b>CPC 100 Enhanced Package</b> <small>includes CPC 100 Standard Package</small>	In addition to the standard package powerful tools for substation comissioning are provided.	P0000661	■	■	–
<b>CPC 100 Transformer Test System</b>	Package including CPC 100, CP TD12 and all accessories to perform common electrical tests and power/dissipation factor measurements on power transformers.	P0000826	■	–	■
<b>CPC 100 Line Impedance Test System</b>	Package including CPC 100, CP CU1, CP GB1 and all accessories to perform impedance measurements for determination of distance protection relay settings.	P0000823	■	–	–
<b>CPC 100 Rotating Machines Test System</b>	Package including CPC 100, CP TD15, 3 x CP CR600 and all accessories to perform common electrical tests and power/dissipation factor measurements on rotating machines.	P0000704	■	–	■
<b>CPC 100 PF/DF Test System</b>	Package including CPC 100, CP TD12 and all accessories to perform power/dissipation factor measurements on all assets.	P0000825	■	–	■

# CPC 100 ordering information

## Package configuration

Configuration Type			Description	Ordering No.
CPC Hardware	AUX		CPC unit without synchronization card	
	SYN		CPC unit with synchronization card	
Cable length	6 m		Standard high-current cable set 2 x 6 m / 19.68 ft, 70 mm <sup>2</sup> (800 A)	P0006189
	6 m		Standard high-voltage cable set 2 x 6 m / 19.68 ft, 0.5 mm <sup>2</sup> (2000 V)	P0006190
	6 m		Standard measurement cable set 6 x 6 m / 19.68 ft, 2.5 mm <sup>2</sup>	P0006191
	9 m		Standard high-current cable set 2 x 9 m / 29.53 ft, 70 mm <sup>2</sup> (800 A)	P0006192
	9 m		Standard high-voltage cable set 2 x 10 m / 32.81 ft, 0.5 mm <sup>2</sup> (2000 V)	P0006193
	9 m		Standard measurement cable set 6 x 10 m / 32.81 ft, 2.5 mm <sup>2</sup>	P0006194
CP TD transport cases			One case for combined transport of CP TD and accessories	B1888000
	2 case		Two cases for separated transport of CP TD and accessories	P0000785

# CPC 100 ordering information

## CPC 100 Upgrade Options

	Description	Ordering No.
CP TD12 Upgrade Option	12 kV upgrade option to expand your existing CPC 100 to a power/dissipation factor test system.	P0007160
CP TD15 Upgrade Option	15 kV upgrade option to expand your existing CPC 100 to a power/dissipation factor test system.	P0007162
CP CB2 Upgrade Option	Upgrade option allowing test currents of up to 2000 A in conjunction with the CPC 100.	P0006299
CP SB1 Upgrade Option	Upgrade option to expand your existing CPC 100 standard package to a fully automated transformer test system. Note: For transformer demagnetization the CP Demag test card has to be ordered separately (order no. P0006786)	P0006326
CP CU1 and CP GB1 Upgrade Option	Upgrade option to expand your existing CPC 100 to a line impedance measurement test system. Note: CP sequencer test card (order no. P0006782) and CP line impedance test card (order no. P0006780) have to be ordered separately	P0006311
Ground Impedance and Step & Touch Voltage Set Upgrade Option	Upgrade option including handheld ground tester HGT1 and accessories for manual testing of ground impedance and step & touch voltages.	P0006333
PTM Advanced for HGT1	Software license for the HGT1 for automated and guided testing of ground impedance and step & touch voltages with PTM.	P0006562
CPC Sync Upgrade Option for existing CPC	Upgrade option which allows synchronizing up to three CPC in order to create a powerful source for HV applications. Note: TRC1 (order no. P0006344)	P0006231
CP RC1 Upgrade Option	Upgrade option for high voltage testing on gas-insulated switchgear (GIS) up to 123 kV rated voltage.	P0006340
CP RC2 Upgrade Option	Upgrade option for high voltage testing on gas-insulated switchgear (GIS) up to 145 kV rated voltage.	P0006346




# CPC 100 ordering information

## CPC 100 Upgrade Options

	Description	Ordering No.
CP TC12 Upgrade Option	Upgrade option for determination of power/dissipation factor and permittivity of insulaton liquids, e.g. transformer oil. It is used in conjunction with the CPC 100 and the CP TD12.	P0000668
CP CR600 Upgrade Option	Upgrade option for power/dissipation factor measurements on rotating machines in conjunction with the CPC 100 and the CP TD12/15. - 1 x 25 H - 1 x 50 H - 1 x 100 H	P0006284 P0006285 P0006286
Stator Core Measurement Upgrade Option	Upgrade option for electromagnetic core imperfection detection measurements on rotating machines in conjunction with the CPC 100 and Primary Test Manager PTM	P0000056
Minimally Invasive Accessory Option	Upgrade option for mutual coupling impedance determination on double circuit lines with the CPC 100 and CP CU1 without requiring switching off the second line. Note: Calculation templates are shipped with the CPC Toolset	P0000291
PTM Advanced Upgrade Option for CPC 100	Upgrade option to operate your CPC using the guided workflow, depending on available software licences.	P0006792
PTM Advanced Upgrade Option for HGT1	Upgrade option to operate your HGT1 using the guided workflow.	P0006562
PTM DataSync "OnPremises" Upgrade Option	Separate module for data synchronization and back-up: For up to 3 users Upgrade for 1 user	P0006571 P0006793
PTM DataSync "Web" Upgrade Option	Separate module for data synchronization and back-up: For up to 3 users Upgrade for 1 user	P0006572 P0006794

# CPC 100 ordering information

## Packages

	Ordering No.	Description
<b>CPC 100 Basic Package</b> 	P0000658	<b>Hardware</b> 1 × CPC 100  <b>Software</b> 1 × CP Quick card 1 × CPC editor software 1 × PTM Standard (including 30-days trial license for PTM Advanced)  <b>Cables and accessories</b> 1 × CPC 100 user manual 1 × Set of 2 standard high-current cables (6 m / 19.68 ft) or optional 1 × set of 2 high-current cables (9 m / 29.53 ft) 1 × Set of 2 standard high-voltage cables (2000 V, 6 m / 19.68 ft) or optional 1 × set of 2 high-voltage cables (2000 V, 10 m / 32.81 ft) 1 × Set of 6 standard measurement cables (6 m / 19.68 ft) or optional 1 × set of 6 measurement cables (10 m / 32.81 ft) 1 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm <sup>2</sup> ) 1 × Ethernet PC connection cable (3 m / 9.84 ft) 1 × Transport case with wheels for CPC 100 1 × Carry bag for CPC 100 accessories 1 × Set of 4 connection clamps for high voltage 1 × Low voltage adapter 1 × Power cord CPC 1 × USB memory stick 1 × Set of 4 crocodile clamps 1 × PTM DVD (including CPC Toolset) 1 × SAA1 - audible beeper dongle 1 × Set of 3 jumper cables (25 cm / 10 in)
<b>CPC 100 Standard Package</b> includes CPC 100 Basic Package plus: 	P0000659	<b>Software</b> 1 × CP CT test cards 1 × CP VT test cards 1 × CP transformer test cards 1 × CP resistance test cards  <b>Cables and accessories</b> 1 × CP SA1 Surge Arrestor box
<b>CPC 100 Enhanced Package</b> includes CPC 100 Standard Package plus: 	P0000661	<b>Software</b> 1 × CP sequencer test card 1 × CP ramping test card 1 × CP GR – ground resistance test option includes testing software (P0000318) and hardware accessory (P0006307) 1 × Polarity check software (P0000317) and CPOL3 (P0009398)

# CPC 100 ordering information

## Packages

	Ordering No.	Description
CPC 100 Transformer Test System	P0000826	<p><b>Hardware</b></p> <p>1 × CPC 100</p> <p>1 × CP TD12</p> <p><b>Software</b></p> <p>1 × CP Quick card</p> <p>1 × CP transformer test cards</p> <p>1 × CP sequencer test card</p> <p>1 × CPC editor software</p> <p>1 × TanDelta/power factor test card</p> <p>1 × PTM Standard (including 30-days trial license for PTM Advanced)</p> <p><b>Cables and accessories</b></p> <p>1 × Set of 2 lightweight winding resistance measurement cables (15 m / 49.2 ft)</p> <p>1 × Set of 2 high-voltage cables (2000 V, 10 m / 32.81 ft)</p> <p>1 × Set of 6 measurement cables (10 m / 32.81 ft)</p> <p>1 × Set of 4 connection clamps for high voltage</p> <p>1 × Set of 4 crocodile clamps</p> <p>1 × Ethernet PC connection cable (3 m / 9.84 ft)</p> <p>1 × Low voltage adapter</p> <p>1 × CP TD accessories set</p> <p>1 × Set of 12 solid terminal adapters</p> <p>1 × Transport case with wheels for CP TD (710x465x645 mm / 2.33x1.53x2.12 ft) or optional 2 x Transport cases with wheels for CP TD (710x465x645 mm / 2.33x1.53x2.12 ft)</p> <p>1 × CP TD getting started</p> <p>1 × CPC 100 user manual</p> <p>1 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm<sup>2</sup>)</p> <p>1 × Transport case with wheels for CPC 100</p> <p>1 × Carry bag for CPC 100 accessories</p> <p>1 × PTM DVD (including CPC Toolset)</p> <p>1 × CP SA1 surge arrestor box</p> <p>1 × Power cord CPC</p> <p>1 × USB memory stick</p> <p>1 × CP trolley</p> <p>1 × SAA1 - audible beeper dongle</p> <p>1 × Set of 3 jumper cables ( 25 cm / 10 in)</p>

### Note:

- > PTM Advanced Upgrade Option (P00006792) is recommended for the best test experience. Results visualisations, assessments, one-button reporting and more are directly available within the Primary Test Manager.
- > CP SB1 Upgrade Option (P0006326) is required for automatic tap changer switching during ratio, winding resistance and OLTC -scan measurements.
- > Demagnetization license (P0006786) is recommended to ensure minimal core remanence after testing.
- > Temperature and humidity sensor package (P0008102) contains hydro- & thermometer to measure ambient and surface temperature as well as air humidity. Recommended when no dedicated temperature sensors are built-in the power transformer.



# CPC 100 ordering information

## Packages

	Ordering No.	Description
CPC 100 Line Impedance Test System	P0000823	<p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>1 × CPC 100</li> <li>1 × CP CU1</li> <li>1 × CP GB1</li> </ul> <p><b>Software</b></p> <ul style="list-style-type: none"> <li>1 × CP Quick card</li> <li>1 × CP line impedance test card</li> <li>1 × CPC editor software</li> <li>1 × PTM Standard (including 30-days trial license for PTM Advanced)</li> </ul> <p><b>Cables and accessories</b></p> <ul style="list-style-type: none"> <li>1 × Ethernet PC connection cable (3 m / 9.84 ft)</li> <li>1 × Transport case with wheels for CPC 100</li> <li>2 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm<sup>2</sup>)</li> <li>1 × CPC 100 user manual</li> <li>1 × USB memory stick</li> <li>1 × 3-lead shorting cable (0.3 m / 11.81 in, 10 mm<sup>2</sup>)</li> <li>1 × CP CU1 reference manual</li> <li>1 × Set of 3 CP GB1 surge arrestors</li> <li>1 × Short circuiting bar (4 mm / 0.16 in, 19 mm / 0.75 in)</li> <li>1 × Booster connection cable (6 m / 19.68 ft, 3 × 1.5 mm<sup>2</sup>)</li> <li>1 × Transport case for CP CU1</li> <li>1 × Set of 2 cables with Kelvin clamps (6 m / 19.68 ft, 6 mm<sup>2</sup>)</li> <li>1 × Coaxial cable (6 m / 19.68 ft)</li> <li>1 × PTM DVD (including CPC Toolset)</li> <li>1 × Power cord CPC</li> <li>1 × SAA1 - audible beeper dongle</li> </ul>

### Note:

The cables for the high current (800 A AC / 400 A DC) and for the high-voltage (2000 V) outputs are not included in the package. You can order them separately.



# CPC 100 ordering information

## Packages

	Ordering No.	Description
CPC 100 Rotating Machines Test System	P0000704	<p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>1 × CPC 100</li> <li>1 × CP TD15</li> <li>1 × CP CR600 25H</li> <li>1 × CP CR600 50H</li> <li>1 × CP CR600 100H <sup>1</sup></li> </ul> <p><b>Software</b></p> <ul style="list-style-type: none"> <li>1 × CP Quick card</li> <li>1 × TD High Voltage test card</li> <li>1 × CP resistance test cards</li> <li>1 × CPC editor software</li> <li>1 × TanDelta/power factor test card</li> <li>1 × PTM Standard (including 30-days trial license for PTM Advanced)</li> </ul> <p><b>Cables and accessories</b></p> <ul style="list-style-type: none"> <li>1 × Set of 2 standard high-current cables (6 m / 19.68 ft) or optional 1 × set of 2 high-current cables (9 m / 29.53 ft)</li> <li>1 × Set of 2 standard high-voltage cables (2000 V, 6 m / 19.68 ft) or optional 1 × set of 2 high-voltage cables (2000 V, 10 m / 32.81 ft)</li> <li>1 × Set of 6 standard measurement cables (6 m / 19.68 ft) or optional 1 × set of 6 measurement cables (10 m / 32.81 ft)</li> <li>1 × Set of 4 connection clamps for high voltage</li> <li>1 × Set of 4 crocodile clamps</li> <li>1 × Ethernet PC connection cable (3 m / 9.84 ft)</li> <li>1 × Low voltage adapter</li> <li>1 × CP TD accessories set</li> <li>1 × Transport case with wheels for CP TD (710x465x645 mm / 2.33x1.53x2.12 ft) or optional 2 × Transport cases with wheels for CP TD (710x465x645 mm / 2.33x1.53x2.12 ft)</li> <li>1 × CP TD getting started</li> <li>1 × CPC 100 user manual</li> <li>3 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm<sup>2</sup>)</li> <li>1 × Transport case with wheels for CPC 100</li> <li>1 × Carry bag for CPC 100 accessories</li> <li>1 × PTM DVD (including CPC Toolset)</li> <li>1 × CP Trolley</li> <li>1 × Power cord CPC</li> <li>1 × USB memory stick</li> <li>1 × CP SA1 surge arrestor box</li> <li>1 × SAA1 - audible beeper dongle</li> <li>1 × Set of 3 jumper cables (25 cm / 10 in)</li> </ul>

<sup>1</sup> Additional CP CR600 according to the customer needs

### Note:

- > BLI2 (P0000142) is recommended when in addition partial discharge measurements with the MPD 800 are performed.
- > PTM Advanced Upgrade Option (P00006792) is recommended for the best test experience. Results visualisations, assessments, one-button reporting and more are directly available within the Primary Test Manager.

# CPC 100 ordering information




## Packages

	Ordering No.	Description
CPC 100 PF/DF Test System	P0000825	<p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>1 × CPC 100</li> <li>1 × CP TD12</li> </ul> <p><b>Software</b></p> <ul style="list-style-type: none"> <li>1 × CP Quick card</li> <li>1 × CPC editor software</li> <li>1 × TanDelta/power factor test card</li> <li>1 × PTM Standard (including 30-days trial license for PTM Advanced)</li> </ul> <p><b>Cables and accessories</b></p> <ul style="list-style-type: none"> <li>1 × Ethernet PC connection cable (3 m / 9.84 ft)</li> <li>1 × CP TD accessories set</li> <li>1 × Set of 12 solid terminal adapters</li> <li>1 × Transport case with wheels for CP TD (710x465x645 mm / 2.33x1.53x2.12 ft) or optional 2 x Transport cases with wheels for CP TD (710x465x645 mm / 2.33x1.53x2.12 ft)</li> <li>1 × CP TD user manual</li> <li>1 × CPC 100 user manual</li> <li>1 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm<sup>2</sup>)</li> <li>1 × Transport case with wheels for CPC 100</li> <li>1 × PTM DVD (including CPC Toolset)</li> <li>1 × Power cord CPC</li> <li>1 × USB memory stick</li> <li>1 × CP trolley</li> <li>1 × SAA1 - audible beeper dongle</li> </ul>



# CPC 100 ordering information

## Packages Upgrade Options

	Ordering No.	Description
<b>CP TD12 Upgrade Option</b>  	P0007160	<b>Hardware</b> 1 × CP TD12  <b>Software</b> 1 × TanDelta/power factor test card 1 × PTM Standard (including 30-days trial license for PTM Advanced)  <b>Cables and accessories</b> 1 × CP TD accessories set 1 × Set of 4 crocodile clamps 1 × Set of 12 solid terminal adapters 1 × Transport case with wheels for CP TD 1 × CP TD user manual 1 × CP Trolley 1 × PTM DVD (including CPC Toolset)
<b>CP TD15 Upgrade Option</b>  	P0007162	<b>Hardware</b> 1 × CP TD15  <b>Software</b> 1 × TanDelta/power factor test card 1 × PTM Standard (including 30-days trial license for PTM Advanced)  <b>Cables and accessories</b> 1 × CP TD accessories set 1 × Set of 4 crocodile clamps 1 × Set of 12 solid terminal adapters 1 × Transport case with wheels for CP TD 1 × CP TD user manual 1 × CP Trolley 1 × PTM DVD (including CPC Toolset)
<b>CP CB2 Upgrade Option</b>  	P0006299	<b>Hardware</b> 1 × CP CB2  <b>Cables and accessories</b> 1 × Booster connection cable (20 m / 65,62 ft, 3 × 1.5 mm <sup>2</sup> ) 1 × High current cable set for CP CB2 1 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm <sup>2</sup> ) 1 × Transport case for CP CB2

### Note:

For transformer demagnetization the CP Demag test card has to be ordered separately (order no. P0006786)

# CPC 100 ordering information

## Packages Upgrade Options

	Ordering No.	Description
CP SB1 Upgrade Option	P0006326	<p><b>Hardware</b></p> <p>1 × CP SB1</p> <p><b>Cables and accessories</b></p> <p>1 × RS232 cable</p> <p>1 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm<sup>2</sup>)</p> <p>2 × 8 pole connection cables (15 m / 49.21 ft, 2.5 mm<sup>2</sup>)</p> <p>1 × Set of 6 coaxial cables (4 × 6 m / 19.68 ft, 2.5 mm<sup>2</sup> and 2 × 15 m / 49.21 ft, 2.5 mm<sup>2</sup>)</p> <p>4 × Set of 2 Kelvin clamps</p> <p>1 × Transport case with wheels for CP SB1</p> <p>1 × Set of 12 flexible terminal adapters</p> <p>1 × PTM DVD (including CPC Toolset)</p> <p>1 × CP SB1 user manual</p> <p>Additional accessories: connection cables</p>
CP CU1 and GB1 Upgrade Option	P0006311	<p><b>Hardware</b></p> <p>1 × CP CU1</p> <p>1 × CP GB1</p> <p><b>Cables and accessories</b></p> <p>1 × 3-lead shorting cable (0.3 m / 11.81 in, 10 mm<sup>2</sup>)</p> <p>1 × Set of 4 standard measurement cables (6 m / 19.68 ft)</p> <p>1 × CP CU1 reference manual</p> <p>1 × Set of 3 CP GB1 surge arrestors</p> <p>1 × Short circuiting bar (4 mm / 0.16 in, 19 mm / 0.75 in)</p> <p>1 × Booster connection cable (6 m / 19.68 ft, 3 × 1.5 mm<sup>2</sup>)</p> <p>1 × Coaxial cable (6 m / 19.68 ft)</p> <p>1 × Set of 2 cables with Kelvin clamps (6 m / 19.68 ft, 6 mm<sup>2</sup>)</p> <p>1 × Grounding cable (green / yellow) (6 m / 19.68 ft, 6 mm<sup>2</sup>)</p> <p>1 × Grounding clamp for CP GB1</p> <p>1 × Transport case with wheels for CP CU1 &amp; CP GB1</p> <p>1 × PTM DVD (including CPC Toolset)</p>





### Note:

Please quote additionally, if needed:

- CPC line impedance test card (P0006780)
- CPC sequencer test card (P0006782) for the sequencer based templates

# CPC 100 ordering information

## Packages Upgrade Options

	Ordering No.	Description
<b>Ground Impedance and Step &amp; Touch Voltage Set Upgrade Option</b>   <p><b>Note:</b> Please quote additionally, if needed:</p> <ul style="list-style-type: none"> <li>PTM advanced software for HGT1 (P0006562) to use the PTM Ground Impedance and Step &amp; Touch Voltage tests</li> <li>CPC sequencer test card (P0006782) to for the CPC output sequence template</li> <li>Rogowski coil (E0532502) for reduction factor measurements</li> </ul>	P0006333	<b>Hardware</b> 1 × Handheld grounding tester HGT1 including accessories  <b>Cables and accessories</b> 1 × Foot electrode (20 cm x 20 cm) 3 × Ground electrode 6 × Cable reels (100 m / 328.08 ft, 0.75 mm <sup>2</sup> , black) 1 × PTM DVD (including CPC Toolset)
<b>Minimally Invasive Accessory Option</b>   <p><b>Note:</b> Please quote additionally, if needed:</p> <ul style="list-style-type: none"> <li>CPC sequencer test card (P0006782) to for the CPC output sequence template</li> </ul>	P0000291	<b>Hardware</b> 1 × Handheld grounding tester HGT1 including accessories  <b>Cables &amp; accessories</b> 1 × AC/DC Current clamp 300 mA AC, 450 mA DC 2 × Cable reels (100 m / 328.08 ft, 0.75 mm <sup>2</sup> , black) 1 × Rogowski coil (E0532502) 1 × Soft bag
<b>CPC Sync Upgrade Option for existing CPC</b>  	P0006231	<b>Hardware</b> 1 × CPCsync board for CPC  <b>Software</b> 1 × Sync license for one CPC 1 × PTM Standard (including 30-days trial license for PTM Advanced)
<b>TRC1</b>  	P0006344	<b>Hardware</b> 1 × TRC1  <b>Cables and accessories</b> 3 × TRC1 safety cable



# CPC 100 ordering information

## Packages Upgrade Options

	Ordering No.	Description
CP RC1 Upgrade Option	P0006340	<p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>1 × CP CR4</li> <li>1 × CP CR6</li> <li>1 × CP TR8</li> </ul> <p><b>Software</b></p> <ul style="list-style-type: none"> <li>1 × HV resonance test system test card</li> <li>1 × PTM Standard (including 30-days trial license for PTM Advanced)</li> </ul> <p><b>Cables and accessories</b></p> <ul style="list-style-type: none"> <li>2 × CP RC Y cable 4 m / 13.1 ft black (16 mm<sup>2</sup>)</li> <li>2 × CP RC Y cable 4 m / 13.1 ft red (16 mm<sup>2</sup>)</li> <li>1 × CP RC cable 1 m / 3.3 ft (16 mm<sup>2</sup>)</li> <li>1 × Booster connection cable 6 m / 19.7 ft (3 × 1.5 mm<sup>2</sup>)</li> <li>3 × Grounding cable (green/yellow) 6 m / 19.7 ft (6 mm<sup>2</sup>)</li> <li>1 × Current transformer KSO104</li> <li>1 × Terminal adapters</li> <li>2 × Transport case</li> <li>1 × CP RC1 user manual</li> </ul>
CP RC2 Upgrade Option	P0006346	<p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>1 × CP AT1</li> <li>1 × CP TR7</li> <li>3 × CP CR6</li> </ul> <p><b>Software</b></p> <ul style="list-style-type: none"> <li>1 × HV resonance test system test card</li> <li>1 × PTM Standard (including 30-days trial license for PTM Advanced)</li> </ul> <p><b>Cables and accessories</b></p> <ul style="list-style-type: none"> <li>2 × CP RC Y cable 4 m / 13.1 ft black (16 mm<sup>2</sup>)</li> <li>2 × CP RC Y cable 4 m / 13.1 ft red (16 mm<sup>2</sup>)</li> <li>1 × CP RC cable 1 m / 3.3 ft (16 mm<sup>2</sup>)</li> <li>1 × Booster connection cable 6 m / 19.7 ft (3 × 1.5 mm<sup>2</sup>)</li> <li>5 × Grounding cable (green/yellow) 6 m / 19.7 ft (6 mm<sup>2</sup>)</li> <li>1 × Power cord 3-pole</li> <li>1 × Power cord 5-pole</li> <li>1 × Current transformer KSO104</li> <li>1 × Terminal adapters</li> <li>3 × Transport case</li> <li>1 × CP RC2 user manual</li> </ul>

# CPC 100 ordering information

## Packages Upgrade Options

	Ordering No.	Description
CP TC12 Upgrade Option 	P0000668	<b>Hardware</b> 1 × CP TC12
CP CR600 – Upgrade-Option (25 H)	P0006284	<b>Hardware</b> 1 × CP CR600 (1 x 25 H) (including cable set and user manual)
CP CR600 – Upgrade-Option (50 H)	P0006285	<b>Hardware</b> 1 × CP CR600 (1 x 50 H) (including cable set and user manual)
CP CR600 – Upgrade-Option (100 H)	P0006286	<b>Hardware</b> 1 × CP CR600 (1 x 100 H) (including cable set and user manual)
Stator Core Measurement Upgrade Option 	P0000056	<b>Hardware</b> 1 x RAA1 rail for semi-automatic measurement 1 x SCU1 measurement control unit 1 x WMP1 winding multiplier Cables and accessories

### Note:

- > PTM-Advanced licence for CPC 100 (P0006792) is needed
- > Push Button (P0007370) is recommended to control the rail operation via dedicated external hardware button, connected to the BIN input of the CPC 100.

<sup>1</sup> Additional CP CR600 according to the customer needs



# CPC 100 ordering information

## Hardware

	Order no.	Description											
			CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
		CPC 100 > Multi-functional primary test system CPC 100 > Quick test card (manual control of the test set) > Software and accessories according to CPC package overview > CPC Toolset DVD (including 30-days trial license for PTM Advanced)	■	■	■	■	■	■	■	—	—	—	—
	P0007160	CP TD12 Upgrade Option > CP TD12 capacitance and tan $\delta$ test unit > CP TD12 connectors and cables for HV injection (20 m / 65.62 ft) > Foldable trolley with cable drum mountings > CP TD user manual > TanDelta/power factor test card	—	—	—	■	—	■	—	■	—	—	—
	P0007162	CP TD15 Upgrade Option > CP TD15 capacitance and tan $\delta$ test unit > CP TD15 connectors and cables for HV injection (20 m / 65.62 ft) > Foldable trolley with cable drum mountings > CP TD user manual > TanDelta/power factor test card	—	—	—	■	—	■	■	—	■	—	—
	P0006303	CP CAL1 > Calibration box to verify / calibrate any CP TD in the field	—	—	—	—	—	—	—	—	—	—	—
	P0000668	CP TC12 > 12 kV oil test cell for measuring permittivity and tan delta (power factor) of insulation liquids	—	—	—	—	—	—	—	—	—	—	—
	P0006326	CP SB1 switch box > CP SB1 for automated turns ratio and dynamic and static resistance measurement of 3-phase transformers > including cable set and user manual	—	—	—	—	—	—	—	—	—	—	■

# CPC 100 ordering information

## Hardware

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0006284	CP CR600 - Compensation reactor with 25 H	—	—	—	—	—	—	■	—	—	—	—
	P0006285	CP CR600 - Compensation reactor with 50 H	—	—	—	—	—	—	■	—	—	—	—
	P0006286	CP CR600 - Compensation reactor with 100 H  > Compensating reactor allows to test the insulation quality of generators, motors, cables and other systems with large capacitance (including cable set and user manual)	—	—	—	—	—	—	■	—	—	—	—
	P0006299	CP CB2 current booster > Current booster to increase output current range to 2000 A	—	—	—	—	—	—	—	—	—	—	—
	P0006311	CP CU1 + CP GB1 including accessories > CP CU1 coupling unit to make k-factor, cable and ground impedance measurements > CP GB1 grounding box for additional isolation and protection > Kelvin clamps, CP CU1 reference manual, transport case and standard cables for connection and measurement	—	—	—	—	■	—	—	—	—	■	—
	P0006312	CP GB1 with accessories > CP GB1 grounding box > Surge arrestors, grounding studs, grounding socket clamp and grounding cable (2 m / 6.56 ft, 95 mm <sup>2</sup> )	—	—	—	—	—	—	—	—	—	—	—
	P0006298	HGT1 > HGT1 handheld grounding tester > Standard cables for connection and measurement > User manual	—	—	—	—	—	—	—	—	—	—	—

■ included — not included

# CPC 100 ordering information

## Hardware

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0006340	CP RC1 resonance circuit > Set to create high-voltage on capacitive loads by means of a power VT: > 1 x CP TR8 isolation transformer > 1 x CP CR4 compensation reactor > 1 x CP CR6 compensation reactor > HV resonance test system test card > Manual, transport case, cable set and terminal adapters	—	—	—	—	—	—	—	—	—	—	—
	P0006346	CP RC2 resonance circuit > Set to create high-voltage on capacitive loads by means of a power VT: > 1 x CP AT1 auto-transformer > 1 x CP TR7 isolating transformer > 3 x CP CR6 compensation reactor > HV resonance test system test card > Manual, transport case, cable set and terminal adapters	—	—	—	—	—	—	—	—	—	—	—
	P0001200	MTR1 matching transformer > Customized matching transformer with fixed ratio to match to different voltage levels on the LV side of a dry type transformer	—	—	—	—	—	—	—	—	—	—	—
	P0006353	MTR2 matching transformer > Matching transformer with adjustable turns ratio. Maximum output voltage is configured to match low voltage rating of transformer under test	—	—	—	—	—	—	—	—	—	—	—
	P0009398	CPOL3 > Polarity and wiring checker > With integrated display for voltage and current readings	—	—	—	—	—	—	—	—	—	—	—
	P0000142	BLI2 > Blocking impedance to filter undesired partial discharges > For CP TD12/15 & MPD system for rotating machine testing	—	—	—	—	—	—	—	—	—	—	—

# CPC 100 ordering information

## Software

Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
P0000319	CP Quick card	■	■	■	■	■	■	■	—	—	—	—
P0006558	CP CT test cards Test cards: ratio (V), ratio (I), excitation curve, burden, winding resistance, voltage withstand test (2 kV), Rogowski coils, low power CTs	—	■	■	—	—	—	—	—	—	—	—
P0006559	CP VT test cards Test cards: ratio, burden, voltage withstand test (2 kV), electronic voltage transformers	—	■	■	—	—	—	—	—	—	—	—
P0008701	CP transformer test cards Test cards: winding resistance, tap changer check, ratio, voltage withstand test (2 kV), vector group check	—	■	■	■	—	—	—	—	—	—	—
P0006561	CP resistance test cards Test cards: contact resistance ( $\mu\Omega$ – $m\Omega$ ), winding resistance ( $\mu\Omega$ – $k\Omega$ )	—	■	■	—	—	—	■	—	—	—	—
P0006781	CP ramping test card Programmable ramping generator and determination of thresholds	—	—	■	—	—	—	—	—	—	—	—
P0006782	CP sequencer test card Sequencer test card for testing with different states	—	—	■	■	—	—	—	—	—	—	—
P0006783	TD High Voltage test card Test card with the CP TD as high-voltage source either independently or together with the CP CR	—	—	—	—	—	—	■	—	—	—	—
P0006784	CP SV-Ratio test card CP SV-Ratio test card to test IEC 61850-9-2 Sampled Values CTs and VTs	—	—	—	—	—	—	—	—	—	—	—
P0006786	CP Demag test card Test card for demagnetization of a power transformer by using the CP SB1	—	—	—	—	—	—	—	—	—	—	—
P0000318	CP GR Ground resistance test card using injection via a current probe without CP CU1 (optional with HW accessories P0006307)	—	—	■	—	—	—	—	—	—	—	—
P0000317	Polarity check test Polarity checking for CT / VT wiring including software	—	—	■	—	—	—	—	—	—	—	—
P0006791	CP amplifier test card Test module to use the CPC 100 like an amplifier	—	—	—	—	—	—	—	—	—	—	—

■ included — not included

# CPC 100 ordering information

## Software










Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
P0006780	CP line impedance test card	—	—	—	—	■	—	—	—	—	—	—
P0006792	PTM Advanced software for CPC 100	—	—	—	—	—	—	—	—	—	—	—
P0006562	PTM Advanced software for HGT1	—	—	—	—	—	—	—	—	—	—	—
P0006571	Module 'PTM DataSync' - 'OnPremises' for up to 3 users	—	—	—	—	—	—	—	—	—	—	—
P0006793	Module 'PTM DataSync' - 'OnPremises' for one additional user	—	—	—	—	—	—	—	—	—	—	—
P0006572	Module 'PTM DataSync' - 'Web' for up to 3 users <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	—
P0006794	Module 'PTM DataSync' - 'Web' for one additional user <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	—
P0000953	PTM Inspection Test License – For 3 users Visual on-site checks with PTM & PTMate	—	—	—	—	—	—	—	—	—	—	—
P0000954	PTM Insulation Resistance Test License - For 3 users PTM insulation resistance test support including manual entry & 3rd party import	—	—	—	—	—	—	—	—	—	—	—
P0000955	PTM DGA Trending License – For 3 users > Trending of DGA values over time > IEC & IEEE Assessment support inclusive Duval triangle	—	—	—	—	—	—	—	—	—	—	—
P0006573	PTM Data Analytics License For PTM DataSync Web users <sup>1</sup> > OData interface for connecting BI-tools or third-party systems > Corporate license	—	—	—	—	—	—	—	—	—	—	—
P0006574	PTM DataSync Web + Data Analytics Trial License	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup> One year subscription fee

■ included — not included










# CPC 100 ordering information

## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0006188	High-current cable set for CP CB2 2 × 1.5 m / 4.92 ft, 95 mm <sup>2</sup> (black), 2 × 1.5 m / 4.92 ft, 95 mm <sup>2</sup> (red), 1 × 0.6 m / 1.97 ft, 95 mm <sup>2</sup>	—	—	—	—	—	—	—	—	—	—	—
	B0349600	Connection cable to CPC 100 for CP CB2 / CU1 20 m / 65.62 ft, 3 × 2.5 mm <sup>2</sup>	—	—	—	—	—	—	—	—	—	—	—
	P0006189	Standard high-current cable set 2 × 6 m / 19.68 ft, 70 mm <sup>2</sup> (800 A)	■	■	■	—	—	—	■	—	—	—	—
	P0006190	Standard high-voltage cable set 2 × 6 m / 19.68 ft, 0.5 mm <sup>2</sup> (2000 V)	■	■	■	—	—	—	■	—	—	—	—
	P0006191	Standard measurement cable set 6 × 6 m / 19.68 ft, 2.5 mm <sup>2</sup>	■	■	■	—	—	—	■	—	—	—	—
	B0349701	Grounding cable (green/yellow) 1 × 6 m / 19.68 ft, 6 mm <sup>2</sup> with connection clamp	■	■	■	■	■	■	■	■	■	■	■
	P0006192	Optional high-current cable set 2 × 9 m / 29.53 ft, 70 mm <sup>2</sup> (800 A)	■	■	■	—	—	—	■	—	—	—	—
	P0006193	Optional high-voltage cable set 2 × 10 m / 32.81 ft, 0.5 mm <sup>2</sup> (2000 V)	■	■	■	■	—	—	■	—	—	—	—
	P0006194	Optional measurement cable set 6 × 10 m / 32.81 ft, 2.5 mm <sup>2</sup>	■	■	■	■	—	—	■	—	—	—	—

# CPC 100 ordering information

## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0000280:AUS_NZL	C19 power cord for plug type I (Australia) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:BRA	C19 power cord for plug type N (Brasil) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:CHE	C19 power cord for plug type J (Swiss) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:DNK	C19 power cord for plug type K (Denmark) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:EU	C19 power cord for plug types E & F (Europe) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:GBR	C19 power cord for plug type G (UK, Honkong) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:open_end	C19 power cord (open end) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft, open ends	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:USA	C19 power cord for plug type B (USA, Japan) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—
	P0000280:IND_ZAF	C19 power cord for plug type M (India, South Africa) 3 × 1.5 mm <sup>2</sup> , 2.5 m / 8.20 ft	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	—	—	—	—

■ included — not included

<sup>1</sup> Only one power cord with country-specific plug or open end is included per package



# CPC 100 ordering information

## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	E1664400	Ethernet PC connection cable 3 m / 9.84 ft, twisted pair cat 5, RJ45 connector	■	■	■	■	■	■	■	—	—	—	—
	B0362701	Low voltage adapter 4 mm / 15.74 in banana to low voltage plug	■	■	■	■	—	—	■	—	—	—	—
	P0006195	MV-cable set for CP CU1 3 × cables (2 m / 6.56 ft, 95 mm <sup>2</sup> ) with clamps on both ends to connect the CP GB1 to MV-cable installations	—	—	—	—	—	—	—	—	—	—	—
	P0006196	Jumper cable 2 × 25 cm / 10 in (red) 1 × 25 cm / 10 in (black)	—	—	—	—	—	—	—	—	—	—	—
	B1803800	Grounding cable for TD 12/15	—	—	—	■	—	■	■	■	■	—	—
	B1290200	Coaxial cable 6 m / 19.68 ft, 2.5 mm <sup>2</sup>	—	—	—	—	■	—	—	—	—	■	■
	B1290400	Coaxial cable 15 m / 49.21 ft, 2.5 mm <sup>2</sup>	—	—	—	—	—	—	—	—	—	—	■
	P0006201	Cable set with Kelvin clamps 2 current cables (red and black) (6 m / 19.68 ft, 10 mm <sup>2</sup> ) and banana sockets for measurement cables	—	—	—	—	■	—	—	—	—	■	—
	B0458401	3-lead shorting cable 0.3 m / 11.81 in, 10 mm <sup>2</sup> with 6 mm / 0.24 in plugs	—	—	—	—	■	—	—	—	—	■	—
	P0000193	Turbo Generator Extension set for stator core upgrade option (30m / 98,42 ft, 2 x 2,5 mm <sup>2</sup> )	—	—	—	—	—	—	—	—	—	—	—
	P0000057	Excitation cable extension set for stator core upgrade option (20m / 65,61 ft, 8 x 2,5 mm <sup>2</sup> )	—	—	—	—	—	—	—	—	—	—	—

■ included — not included

# CPC 100 ordering information

## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	B0349602	Booster connection cable 0.5 m / 1.64 ft	—	—	—	■	■	■	■	■	■	■	—
	B0349604	Booster connection cable 1.2 m / 3.94 ft	—	—	—	■	■	■	■	■	—	■	—
	B0349603	Booster connection cable 6 m / 19.69 ft	—	—	—	—	—	—	—	—	—	■	—
	P0006202	Optional lightweight winding resistance measurement cables 2 x 15 m / 49.2 ft, 25 mm <sup>2</sup> to output 100A DC with the 400A DC output	—	—	—	■	—	—	—	—	—	—	—
	P0006203	Stress relief and clip (incl. instruction lable) for 6 mm plug TD high voltage cable	—	—	—	■	—	■	■	■	■	—	—
	B1338802	Connection cables for CP SB1 On HV side (8 pole, 15 m / 49.21 ft, 2.5 mm <sup>2</sup> )	—	—	—	—	—	—	—	—	—	—	■
	B1338902	Connection cables for CP SB1 On LV side (8 pole, 15 m / 49.21 ft, 2.5 mm <sup>2</sup> )	—	—	—	—	—	—	—	—	—	—	■
	E1792700	Nullmodem cable, 0.55 m / 1.8 ft, grey	—	—	—	■	—	■	■	■	■	—	—
	E1793100	Nullmodem cable, 1.2 m / 3.94 ft, grey	—	—	—	■	—	■	■	■	■	—	—
	B0377201	Transport case with wheels for CPC 100	■	■	■	■	■	■	■	—	—	—	—
	B0464300	Transport case with wheels for CP CU1 & CP GB1 or CP CR500	—	—	—	—	■	—	■	—	—	■	—

■ included — not included


# CPC 100 ordering information

## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	B0377300	Transport case with wheels for CPC 100 accessories	—	—	—	—	—	—	—	—	—	—	—
	E0472902	Carry bag for CPC 100 accessories	■	■	■	■	—	—	■	—	—	—	—
	B0377401	Transport case with wheels for CP CB2	—	—	—	—	—	—	—	—	—	—	—
	E0955201	Soft bag for minimally invasive package	—	—	—	—	—	—	—	—	—	—	—
	B1888000	Transport case with wheels for CP TD12/15 and CP TD accessories	—	—	—	■	—	■	■	■	■	—	—
	P0000785	Two case solution for CP TD12/15 and CP TD accessories	—	—	—	■	—	■	■	■	■	—	—
	B0584301	Transport case with wheels for CP SB1	—	—	—	—	—	—	—	—	—	—	■
	E0202200	Solid terminal adapters (12 pcs)	—	—	—	■	—	■	—	■	■	—	—
	E0439201	Flexible terminal adapters (12 pcs)	—	—	—	—	—	—	—	—	—	—	■
	B1866303	HV-Cable drum for CP TD12/15 (20m / 65,61 ft)	—	—	—	■	—	■	■	■	■	—	—
	B1710201	LV-Cable drum red for CP TD12/15 (20m / 65,61 ft, 4 mm²)	—	—	—	■	—	■	■	■	■	—	—
	B1710301	LV-Cable drum blue for CP TD12/15 (20m / 65,61 ft, 4 mm²)	—	—	—	■	—	■	■	■	■	—	—

# CPC 100 ordering information












## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0006282	CP TD accessories set	—	—	—	■	—	■	■	■	■	—	—
	E2019300	AC/DC Current clamp for minimally invasive measurement 300 mA AC, 450 mA DC	—	—	—	—	—	—	—	—	—	—	—
	P0006283	4 mm jack adapter set	—	—	—	■	—	■	■	■	■	—	—
	P0006293	Connection clamps for high voltage For connection with banana plugs, 4mm / 0.16 in (2 standard clamps and 2 Kelvin clamps)	■	■	■	■	—	—	■	—	—	—	—
	B0802801	Test Hook	—	—	—	—	—	—	—	—	—	—	—
	P0006304	Crocodile clamps for connection of the banana plugs, 4 mm / 0.16 in (1 × red and 1 × black)	■	■	■	■	—	■	■	■	■	—	—
	P0006296	Handheld eTrex GPS navigation device for evaluation of distance	—	—	—	—	—	—	—	—	—	—	—
	P0006300	Pulley for current booster block and tackle including 25 m / 82.02 in rope and carabiners for easily lifting the booster CP CB2	—	—	—	—	—	—	—	—	—	—	—
	B1245201	Foot electrode 20 cm × 20 cm	—	—	—	—	—	—	—	—	—	—	—
	B1875602	CP trolley Comfortable trolley for single person operation in the field with dissipation/power factor test system	—	—	—	■	—	■	■	■	■	—	—
	P0006307	Ground resistance accessory set 4 × electrodes, 1 × cable reel red (50 m / 164.04 ft), 1 × cable reel black (100 m / 328.08 ft)	—	—	■	—	—	—	—	—	—	—	—

■ included — not included

# CPC 100 ordering information

## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0007760	Single grounding spike	—	—	—	—	—	—	—	—	—	—	—
	B0469001	CP SA1 Surge Arrestor box	—	■	■	■	—	—	■	—	—	—	—
	E0534501	USB memory stick	■	■	■	■	■	—	■	—	—	—	—
	E0455500	400 A clamp-on ammeter / multimeter	—	—	—	—	—	—	—	—	—	—	—
	E0455100	Set of 3 CP GB1 surge arrestors Replacement kit with 3 CP GB1 surge arrestors	—	—	—	—	■	—	—	—	—	■	—
	E0458501	Short circuiting bar 4 mm / 0.16 in, 19 mm / 0.75 in	—	—	—	—	■	—	—	—	—	■	—
	B0649200	Hot collar band	—	—	—	■	—	■	—	■	■	—	—
	P0006317	16 mm / 0.63 in cyl. studs and clamp U1 for CP GB1 Studs and grounding socket clamp for CP GB1 for connection on 16 mm / 0.63 in cylindrical grounding studs	—	—	—	—	—	—	—	—	—	—	—
	P0006318	Studs and grounding socket clamp U1 for CP GB1 for connection on 20 mm / 0.79 in ball studs	—	—	—	—	—	—	—	—	—	—	—
	P0006319	Studs and grounding socket clamp U2 for CP GB1 for connection on 25 mm / 0.98 in ball studs	—	—	—	—	—	—	—	—	—	—	—
	E0532502	Rogowski coil Length 2 m / 6.56 ft, 3 7 30 / 300 / 3000 A	—	—	—	—	—	—	—	—	—	—	—

■ included — not included

# CPC 100 ordering information






## Accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	B0508900	Kelvin clamp black	—	—	—	—	—	—	—	—	—	—	■
	B0508901	Kelvin clamp red	—	—	—	■	—	■	■	■	■	—	—
	B0508902	Kelvin clamp blue	—	—	—	■	—	■	■	■	■	—	—
	P0006294	Bushing adapters	—	—	—	—	—	—	—	—	—	—	—
	P0006330	Bushing adapters and accessories set > Bushing adapter set (P0006294) > Test hook (B0802801) > Short circuit cable set (P0006185)	—	—	—	—	—	—	—	—	—	—	—
	P0006333	Package to measure ground impedance and step and touch voltages of substations. Including handheld grounding tester HGT1 and accessories.	—	—	—	—	—	—	—	—	—	—	—
	P0006336	Transformer Accessory Set > Bushing adapters and accessories set (P0006330) > SAA2 Warning Lamp Set (P0006337) > SAA3 - 3-position remote safety switch (P0006323) > MCA1 Measurement capacitance for transformer turns ratio test up to 12 kV using CP TD12 (P0007160)	—	—	—	—	—	—	—	—	—	—	—
	B0510401	CP TD HV 6mm clamp	—	—	—	■	—	■	■	■	■	—	—
	B0864600	Short circuit cable set	—	—	—	—	—	—	—	—	—	—	—

■ included — not included

# CPC 100 ordering information

## Accessories








	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0006740	Primary Test Manager (PTM) DVD	■	■	■	■	■	■	■	■	■	■	■
	P0007370	Push button for Stator core measurement upgrade option	—	—	—	—	—	—	—	—	—	—	—
	E1510700	Key for CPC Housing Lock	■	■	■	■	■	■	■	—	—	—	—
	P0001212	Spare Part CPC Fuse set (10 x per piece)	—	—	—	—	—	—	—	—	—	—	—
	P0008102	Temperature and humidity sensor package	—	—	—	—	—	—	—	—	—	—	—

■ included — not included



# CPC 100 ordering information

## Safety accessories

	Order no.	Description	CPC 100 Basic Package	CPC 100 Standard Package	CPC 100 Enhanced Package	CPC 100 Transformer Test System	CPC 100 Line Impedance Test System	CPC 100 PF/DF Test System	CPC 100 RotM Test System	CP TD12 Upgrade Option	CP TD15 Upgrade Option	CP CU1 Upgrade Option	CP SB1 Upgrade Option
	P0006323	SAA3 - 3-position remote safety switch for CPC 100	—	—	—	—	—	—	—	—	—	—	—
	B1765200	Safety Connector Dongle	■	■	■	■	■	■	■	—	—	—	—
	B1464700	TRC1 - Safety Connector Dongle	—	—	—	—	—	—	—	—	—	—	—
	P0006349	SAA1 - audible beeper dongle	■	■	■	■	■	■	■	—	—	—	—
	P0006337	SAA2 Warning Lamp Set – Basic Package Slim package with one lamp in a small transportation case, including > 1 x SAA2 control unit > 1 x signal lamp > 1 x transport case for 1 signal lamp	—	—	—	—	—	—	—	—	—	—	—
	P0006338	SAA2 Warning Lamp Set – Standard Package Configurable package for up to 4 lamps in one transport case, including > 1 x SAA2 control unit > 1 x signal lamp > 1 x transport case for 4 signal lamps	—	—	—	—	—	—	—	—	—	—	—
	P0000995	SAA2 Extension Kit 1 Signal Lamp Extension kit to configure the Standard Package, including > 1 x signal lamp > 1 x connection cable	—	—	—	—	—	—	—	—	—	—	—

■ included — not included

OMICRON is an international company that works passionately on ideas for making electric power systems safe and reliable. Our pioneering solutions are designed to meet our industry's current and future challenges. We always go the extra mile to empower our customers: we react to their needs, provide extraordinary local support, and share our expertise.

Within the OMICRON group, we research and develop innovative technologies for all fields in electric power systems. When it comes to electrical testing for medium- and high-voltage equipment, protection testing, digital substation testing solutions, and cybersecurity solutions, customers all over the world trust in the accuracy, speed, and quality of our user-friendly solutions.

Founded in 1984, OMICRON draws on their decades of profound expertise in the field of electric power engineering. A dedicated team of more than 900 employees provides solutions with 24/7 support at 25 locations worldwide and serves customers in more than 160 countries.

For more information, additional literature, and detailed contact information of our worldwide offices please visit our website.