

News

We Need More Power, Scotty

How to make the CPC 100 a portable and powerful high-voltage (HV) source

Do you still remember the original "Star Trek" television show? The one where Captain Kirk ordered Chief Engineer Scotty to give him more power in almost every episode? Like Scotty, we've received a similar request from customers who needed a solution for a powerful, but compact and portable high-voltage source.

And just like Scotty, we're now able to say:

«Aye captain, there's plenty more power to be had.»

With the CPC Sync functionality, we developed a very modular approach, where up to three CPCs can be synchronized to create an HV source with up to 15 kVA. Each CPC unit only weighs 29 kg / 64 lbs and comes in a transport case with wheels. This enables the complete system to be handled by one person.

Thus, the CPC Sync package can even be used in remote locations that are difficult to access and have limited space. Wind turbine generators (WTGs) that are equipped with a dry-type transformer (DTT) are a good example of this. There, the CPC Sync Package is able to be used

as a HV source for voltage withstand tests and partial discharge (PD) measurements in combination with e.g. the MPD 600 PD test system.

Ok, we're still not able to beam the CPC Sync system to your remote location the way that Scotty can, but hey, let's see what kind of new innovations the future holds.

- (1) CPC 100 control unit, (2) HV-source (CPC 100/80),
(3) TRC1 remote control unit, (4) matching transformer, (5) PD test equipment

