

W-IE-NE-R



A Phoenix Mecano Company

POWERED CRATES

STANDARD OR CUSTOM DESIGNED

FOR ANY TYPE OF PROJECT



- ▶ Modular design with easily removable fan trays and power supplies
- ▶ Large variety of multi-layer bus backplanes, sub-card cages for front and rear side
- ▶ Individually controlled long-life DC fans for high performance cooling
- ▶ Microprocessor controlled operation
- ▶ Local and remote control with Ethernet or USB interfaces
- ▶ Lowest noise switch mode or linear regulated power supplies

WWW.WIENER-D.COM

THE UNIVERSAL SYSTEM

FOR A LARGE RANGE OF LOW AND HIGH VOLTAGE MULTICHANNEL POWER SUPPLIES

EBS

Bipolar 4 quadrant high voltage module with CFG. EBS perfectly covers requirements of electron optical systems or capacitive loads.



HIGH CLASS LOW VOLTAGE BOARDS

Up to 16 channel LV for on site frontend hardware supply saves cable and installation space.



MMS HV compatible

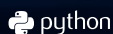
MMS LV compatible



ICS2

CONTROLLER BOARDS WITH LINUX INSIDE

integrated EPICS IOC, SNMP, OPC-UA and Webservices, also "bare metal" use. Now with onboard Python script runtime.



EHS HIGH PRECISION

Versatile high precision HV module in multiple floating versions.



ESS

Single channel 2 quadrant HV modules with floating ground.

EHS STACK

HV module in floating ground with stacked output channels. Specially designed mainly for use with GEM detectors.

- ▶ Up to 10 slots and 480 channels per crate
- ▶ Highest channel density to save valuable installation space
- ▶ Best ripple and noise characteristics
- ▶ Up to 30 kV, up to 100 W per channel
- ▶ Pure LV compatible, pure HV compatible and mixed setup crates available
- ▶ Interchangeable controller boards for networking and software control