



## MODEL 6KA/REVDC/PP

6,000 AMP FULL WAVE 3 PHASE DC  
POWER PACK WITH REV DC DEMAG

**SINGLE  
OUTPUT**

**Scientific Instruments' 6KA POWER PACK** provides reliable performance on both mag and demag, with a 60 step fine DC demag, typically down to 1 gauss

This power pack can be made with also 2 or 3 outputs...and the outputs can be a mix of AC and DC outputs, with current output ratings from 6,000 amps to 20,000 amps, with or without demag

30 years of field experience with this control system, using a proprietary digital gate array design.

The control relays are sealed power reed relay type, so no oxidation of contacts ensuring trouble free operation

There is no PLC in this system, so no need to worry about PLC obsolescence in 10 years, where the new model of PLC is not software compatible with the old version.

In Multiple output units, each output and its controls are totally independent from the other outputs, thus even if one output goes down, the other outputs are still available

## Features & Advantages

- ◆ High reliability 6,000 amps dc output with rugged SCR convertor assy
- ◆ Sophisticated and accurate power pack in the industry
- ◆ Provides actual digital readout of both shot time and current
- ◆ High quality powder coat paint finish, other colors are available
- ◆ 230/460vac,50/60hz operation, other input voltages optional.
- ◆ Digital ammeter with last shot memory hold, 1% accuracy
- ◆ NIST traceable certification and **5 Year warranty included**
- ◆ Modern digital auto balance phase control

120 vac accessory outlet  
Remote cable with both mag and demag pushbuttons,  
20 ft long



Single Output

## Specifications

**Input voltage:** 230 to 480vac 3PH std, and up to 600vac optional

**Input Frequency:** 50/60hz auto adjusting, Insensitive to phase rotation

Shot Timer Accuracy: 1% of reading,

Shot Timer Resolution: .01 seconds

**Ammeter accuracy:** +/- 1% of reading with 10 amp resolution

**Operating temperature:** 0 to 40 deg. C

**Dimensions:** 50" W x 50"H x 50"D

**Weight :** 2000 Lbs —

**Line current at max output:** 100 amps at 480vac input Output duty cycle limiter is optional to prevent rapid cycling of outputs

Compliance: Meets ASTM E709, ASTM E1444, ASTM E3024