



	40 Amp 12V systems 17 Amp -24/48V	76 Amp 12V systems 32 Amp -24/48V	100 Amp 12V systems 49 Amp -24/48V	150 Amp 12V systems 65 Amp -24/48V Systems	200 Amp 12V systems 97 Amp -24/48V Systems	200 Amp @ 48V 12V systems 200 Amp -24/48V Systems	
<b>CAR SYS 14</b>	CAR SYS 14 I, 50 Amp CDN		CAR SYS 14 II, 100 Amp CDN		CAR SYS 14 III, 200 Amp CDN		
<b>CAR PG2804</b>	CAR PG2804 Load Dump Generator, (ISO 16750-2)						
<b>FIS 80-200</b>	FIS 80-200 Fast Interruptions Switch, High Power: 80V/200Amp, Tr/Tf <100ns, I/O Switch: 32x 60V/2A						
<b>4 Quadrant Amp*</b>	BLS 110-70R-TS -30 V ... +70 V   1 kW 200kHz (500kHz Small Signal) +18 V: +40 A (100A <500ms) +27 V: +40A +70 V: +17 A	BLS 120-70R-TS -30 V ... +70 V   2 kW 200kHz (500kHz Small Signal) +18 V: +76A (190A <500ms) +27 V: +76 A +70 V: +32A	BLS 130-70R-TS -30 V ... +70 V   3 kW 200kHz (500kHz Small Signal) +18 V: +114 A (285A <500ms) +27 V: +114 A +70 V: +49 A	BLS 140-70R-TS -30 V ... +70 V   4 kW 200kHz (500kHz Small Signal) +18 V: +152A (380A <500ms) +27 V: +152 A +70 V: +65 A	BLS 160-70R-TS -30 V ... +70 V   6 kW 200kHz (500kHz Small Signal) +18 V: +228A (570A <500ms) +27 V: +228A +70 V: +97 A	BLS 160-70R-TS -30 V ... +70 V   6 kW 200kHz (500kHz Small Signal) +18 V: +228A (570A <500ms) +27 V: +228A +70 V: +97 A	
<b>Software</b>	WaveMaster Fully integrated Standards Libraries: ISO 7637-2, ISO 7637-3, ISO 16750-2, FMC 1278, CS.00244, CS.00246 (48V), ISO 21780 (48V), LV124, LV148, ... Easy to used Interface, Create waveforms from scratch, Alter Standard wave forms, import .csv measured data, crate program routines in all major languages LabView Python, ... Meet current and future standards Direct access to Design and Support team, always adding and updating features and standards. Included E-Learning Platform						
<b>Added Capability</b>	Note: A power supply can be integrated in series with the 4-Q amplifier, enabling operation within Voltage Range 1 (18V), and accommodating full current at 48V DUT levels. This setup is similar to the 200Amp configuration. →					+AnyWave & DC Supply G5.RSS.9.80.338 80V/225A Supply Fast 250uS Rise/Fall Bypass Capacitor required	

\* 4-Quadrant Amplifier and Power Supplies can all be upgraded in the future to expand power. You never need to start over. Systems can also be flexible to have independent systems used on their own and when a large higher power DUT needs to be tested the systems can be brought together to give more power.

### ISO 7637-3 Coupling and Verification

CCC Capacitive Coupling Clamp

ICC Inductive Coupling Clamp

DCC Direct Coupling Method

BCK 400 Burst Cal Kit

### Calibration Loads

CAR CAL Kit

### Transient Emissions

ISO 7637-2 Par 4.3 ECE R10.06

### Switching Transients

ISO 7637-2 Annex F (Ford) Pulse 1 A1, A2-1, A2-2, C-1, C-2

### Safety Accessories

Foot Trigger  
Emergency Stop  
Warning Lights



# HV 1000/1500/2000V System 0-300kHz

1296Amps @ 1000V



Basic Specifications	
<b>4-Quadrent Amp</b>	BLS 460-70R-TS 36kW, -30..+70, 1368Amps
<b>HV Power Supply</b>	G5.RSS.1296.1000.3888 1296kW, +1000V @ 1296A, (3888 A max)
<b>Alt. Configuration</b>	Source / Sink Current 3 independent 432A systems to be used independently and 2x brought together for 864 amps, or 3x pulled together for 1296A

648Amps @ 1000V



Basic Specifications	
<b>4-Quadrent Amp</b>	BLS 280-70R-TS 18kW, -30..+70, 684Amps
<b>HV Power Supply</b>	G5.RSS.648.1000.1944 648kW, +1000V @ 648A, (1944 A max)
<b>Alt. Configurations</b>	Source / Sink Current 3 independent 216A systems to be used independently and 2x brought together for 432 amps, or 3x pulled together for 648A

432Amps @ 1000V



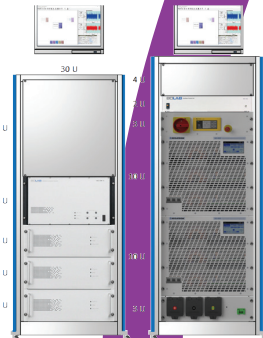
Basic Specifications	
<b>4-Quadrent Amp</b>	BLS 220-70R-TS 12kW, -30..+70, 456Amps
<b>HV Power Supply</b>	G5.RSS.432.1000.1296 432kW, +1000V @ 432A, (1296 A max)
<b>Alt. Configuration</b>	Source / Sink Current 2 independent 216A systems to be used independently and brought together when 432 amps is needed

216Amps @ 1000V



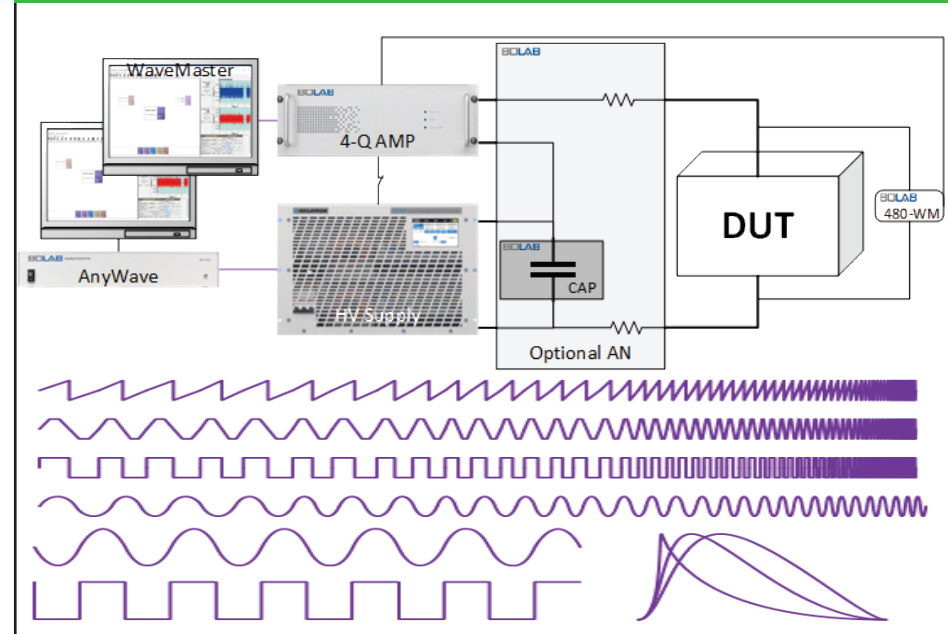
Basic Specifications	
<b>4-Quadrent Amp</b>	BLS 160-70R-TS 6kW, -30..+70, 228Amps
<b>HV Power Supply</b>	G5.RSS.216.1000.648 216kW, +1000V @ 216A, (648 A max)
	Source / Sink Current

108Amps @ 1000V



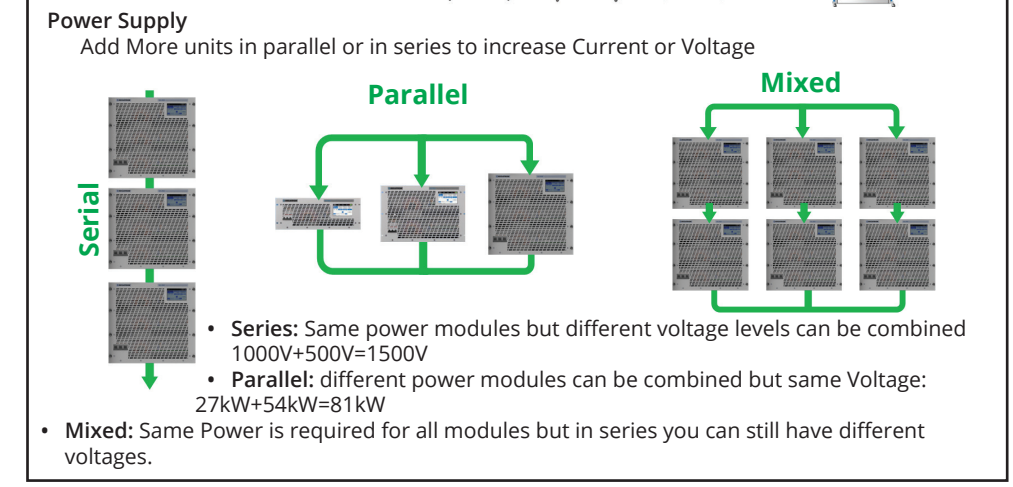
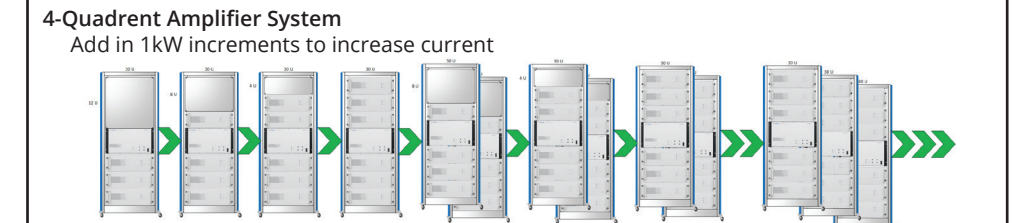
Basic Specifications	
<b>4-Quadrent Amp</b>	BLS 130-70R-TS 3kW, -30..+70, 114Amps
<b>HV Power Supply</b>	G5.RSS.108.1000.324 108kW, +1000V @ 108A, (324 A max)
	Source / Sink Current

### Amplifier System works in Series to Fast HV Supply Allowing for Unlimited Waveforms



### Modular Design to scale to your needs

Build your system up over time. Purchase only what you need today then add to the system as your needs change. Never loose your investment from being undersized.



### International Support

- Modular design allows for easy service.
- If a module fails system can by up and running with out the module with in minutes
  - Modules can be shipped and swapped with a short turn around time
  - Round the clock support team, supported from US through Absolute EMC.
  - Online E-Learning platform for latest standards, and quick expert support
  - 2 year warranty