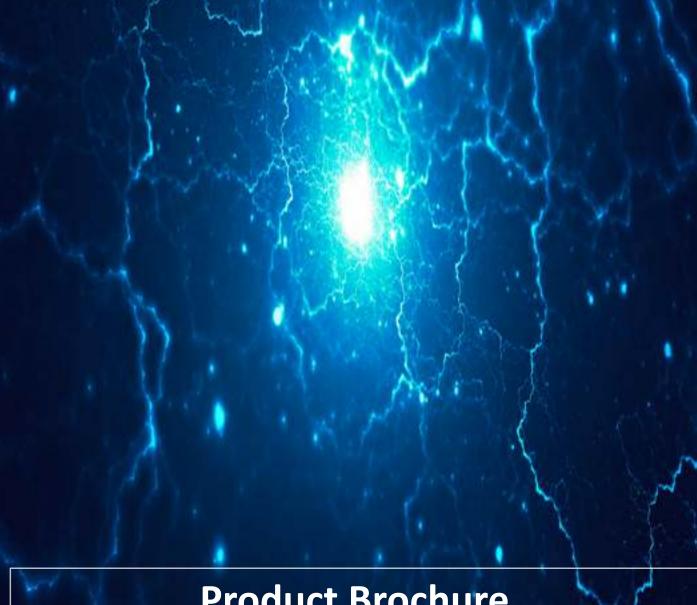






High Voltage Power Supplies and **Components**



Product Brochure





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Aquila Range

Compact power supply unit, available up to 50kV, 40 Watts



7xx30

Available up to 30kV, 30 Watts. Low cost bench top laboratory power supply



7xx30T

Our popular 7xx30 is also available with touch screen operation. Available up to 30kV, 30 Watts.



8000 Series

Voltages available up to 50kV. This is a step up from the 7xx30 range offering the same compact design at higher voltages

Genvolt has a long history of working with the world's most reputed universities and supporting them for their new era research activities.

We have extended our reach in the world wide research laboratories. Our products have been adapted widely within many research organizations as well as within the science and technology sector. Genvolt laboratory power supplies have been used in the following fields of interest:

- **Applied Mechanics**
- Applied science and engineering
- Bio-technology
- Bio-chemical
- Polymer and process engineering
- Particle physics
- And many more...





Europa

We have low cost laboratory units to highly

sophisticated power supply units for

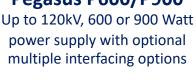
educational institutes and universities.

Research and Laboratory

The Europa is a classic high voltage laboratory power supply. With output voltages of up to 100kV (100W) and output power of up to 210 Watts (35kV). The Europa is available with interchangeable polarity heads so that both polarities can be achieved













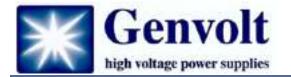
Aquila

Input Specification					
Input voltage range	20VDC - 28VDC				
Input Current	2.2A Maximum				
Outp	ut specification				
Power	40W Maximum at 50kV				
Output voltage range	Near 0kV - 50kV				
Available voltages	10kV, 20kV, 30kV, 40kV, 50kV				
Output polarity	Positive or Negative				
Output current	800μA (0.8mA)				
Voltage Load Regulation	<0.5%				
Voltage Line regulation	<0.5%				
Voltage ripple	<0.5%				
Voltage stability	<0.01% (peak to peak) of maximum output voltage				
	Controls				
Control interface	15 way D connector (female) for analogue remote control				
Environmental					
Operating Temperature	0°C - 40°C				
Storage Temperature	0°C - 60°C				
Relative humidity	Operation - 30% to 80%. Storage <95%				
1	Mechanical				
Weight	2.65kg				
Dimensions	H - 65mm, W - 127mm, L - 323mm (inc. rear connections)				









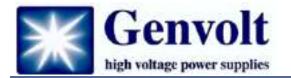


7xx30





		Input Specifica	tions		
DC Input voltage range	22 - 26 VDC				
AC input voltage range			85 - 260 VAC		
DC input current	2.5	5A Maximum at f	ull power and mir	imum input volta	ige
		Output Specifica	ations		
Model No.	70130	70230	71030	72030	73030
Output Voltage Range	Near 0kV - 1kV	Near 0kV - 2kV	Near 0kV - 10kV	Near 0kV - 20kV	Near 0kV - 30kV
Maximum output current	30mA	15mA	3.0mA	1.5mA	1.0mA
Output Power			30W		
Output Polarity		Positive or Negative with respect to ground			
Voltage Load Regulation	Less	Less than 0.01% for a load changing from no load to full load			load
Voltage Line Regulation	Less than 0.3% for an input changing from maximum input to minimum input				
Voltage Ripple	Less than 0.01% peak to peak of maximum output voltage				
Voltage Stability	Less than 0.05% for 8 hours per day with 30 minute warm up				
Temperature coefficient	Less than 200ppm/°C over the specified temperature				e
		Environmen	tal		
Operating Temperature	0°C - 40°C				
Storage Temperature	-20°C - 60°C				
Humidity	0% - 90% non-condensing				
		Mechanica	l		
Input Type	AC Input DC Inpu				
Weight	3.6kg 2.8kg Dimensions			3kg	
Width	200		5	200	mm
Length	200mm 300mm			200mm 300mm	
Height		ımm			mm
Power input connector		C Connector			connector (male)
High Voltage output connector	Genvolt 30kV X	(LCG Connector		Genvolt 30kV X	(LCG Connector

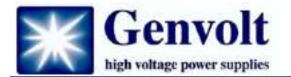




7XX30T



Input voltage	220VAC ± 10%
Output voltage	Near 0kV - 30kV
Output power	Up to 30W
Output Polarity	Positive or Negative
Linear adjustment rate	Better than 0.1%
Load adjustment rate	Better than 0.1%
Temperature drift	Working temperature below 55 ° C is better than 300PPM / ° C
Working style	continuous work
Operating temperature	0 ° C to 50 ° C
Operating Humidity	less than 90% without condensation
Dimensions	Length 300 x Width 200 x Height 100(mm)
Weight	3kg



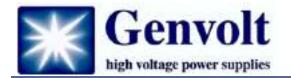


8000 Series





Ing	out specification		Standard Feat	tures	
AC input voltage range	85VAC to 256VAC, 47-63Hz	Control	Logic level for high vo		isable.
Power Factor	FL 0.99 NL 0.98	Over voltage protection	Overvoltage condition program signal. If an copower supply is latche	vervoltage co	ndition is detected, the
Output polarity	Positive (+ve) or Negative (-ve)	PS Fault condition	A PS fault indicator an OVP or a regulation er		tput on J1, indicate an
Voltage load regulation	0.01% of full voltage for a no load to full load change	PF and Universal input	The input voltage of the 8000 can operate within the ran from 85VAC to 265VAC. The power factor is actively corrected across the entire range and is better than 0.99 full load		actor is actively
Voltage line regulation	+/- 0.005% of full voltage over the specified input voltage range	Internal EMI Filter	An internal EMI filter a line voltage surges an		
Current load regulation	0.01% from 0V to full voltage		Mechanical Spec	ification	
Current line regulation	+/- 0.01% of full current over the specified input voltage range per 8 hours after	Weight	Model specific, appro	ximately 3Kgs	
Voltage ripple	0.1% peak to peak of output voltage	Dimensions	95.25mm (H) x 127mn	n (W) x 279.4m	nm (L)
Current stability	0.02% per 8hrs after ½hr warm up	Power input connector	IEC320 with mating co	onnector x 2 M	etres
Temperature coefficient	100 ppm per ºC	HV output connector	Proprietary HV Connector		
Temperature	Operating 0°C to 45°C Storage -20°C to +85°C	Control interface connector (Male)			
Interlock	Open Interlock will shut down unit	Models			
Circuit Protection	Overvoltage, Overcurrent, Arcing and Over temperature	Maximum Voltage	Maximum Current	Polarity	Model Number
Relative humidity	Non condensing	1kV	120mA	+ve or -ve	80120P (+ve) 80120N (-ve)
Remot	e operating features	5kV	24mA	+ve or -ve	8024P (+ve) 8024N (- ve)
Remote programming	Allows remote adjustment of the output voltage and current, via an external voltage source	10kV	12mA	+ve or -ve	8012P (+ve) 8012N (- ve)
Remote monitor	Allows remote monitoring of the output voltage and current	20kV	6mA	+ve or -ve	806P (+ve) 806N (-ve)
High voltage enable / disable	Allows remote ON/OFF control of the high voltage	30kV	4mA	+ve or -ve	804P (+ve) 804N (-ve)
+10VDC Reference	A +10VDC is provided for remote programming via a potentiometer or voltage divider	40kV	3mA	+ve or -ve	803P (+ve) 803N (-ve)
		50kV	2.4mA	+ve or -ve	8050P (+ve) 8050N (- ve)

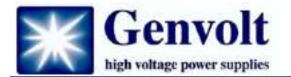




Europa



	Electrical Specification		
Voltage	Current	Power	
100kV	1mA	100W	
50kV	4mA	200W	
35kV	6mA	210W	
20kV	10mA	200W	
Line Regulation	Not more than 50ppm of maximum rated change	output voltage for ± 10% input line	
Load Regulation	Not more than 100ppm of maximum rated output current change	d output voltage for 0 to maximum	
Ripple	Not more than 20V (peak to peak) - 100W	Version	
	Temperature Coefficient		
0 - 50°C	Not more than 50ppm of maximum output per °C		
Stability after 1/2 hour warm up	Not more than 0.01% per hour Not more than 0.02% per 8 hours		
	Mechanical		
Size	19 inch wide suitable for standard rack mo	ounting, 6U high	
Weight	Main Unit: 34.5kg Alternative polarity hea	d: 20kg. Total Weight 59.5kg with cables	
High Voltage connector and cable	Pre-assembled mating high voltage connector with 3 metres of high voltage shielded cable will be provided as standard		
Power Input connector	A 2m 3-wire mains lead plug will be provid	led as standard	
Cooling	Forced air by means of a fan		
IEEE-488 Interface	Full talker/listener capability is available the interface functions allow output voltage at the IEEE-488 bus. In addition, voltage and request	nd current limit to be programmed via	
Power Requirements	230V AC ± 10%, less than 2A, 50Hz		
	Environmental		
Temperature	Operating: 15°C to 35°C. Storage: 0°C to 5	0°C	
Relative humidity	Operating: 30% to 80%. Storage: < 95%		





Sirius 1



Input Specifications				
AC Input Voltage 220VAC +/- 10%				
	Output Specifications			
Output Voltage	Near 0kV - 30kV, Near 0kV - 40kV, Near 0kV - 50kV, Near 0kV - 60kV			
Output Polarity	Positive or Negative			
Output Power	Power 30W, 60W, 100W			
Stability	<0.1%			
Line Regulation < 0.5%				
Load Regulation	<0.5%			
	Environmental			
Ambient Temperature -10°C - 40°C				
Relative Humidity	Less than 80% non-condensing			
Temperature Coefficient	<200ppm/°C			







Sirius 2



Sirius 3

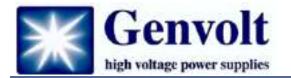


Sirius 2

Input Specifications		
AC Input Voltage 240VAC +/- 10%		
Output	Specifications	
Output Voltage	Output Current	
Near 0kV - 5kV	0mA - 60mA	
Near 0kV - 10kV	0mA - 30mA	
Near 0kV - 20kV	0mA - 15mA	
Near 0kV - 30kV	0mA - 10mA	
Near 0kV - 40kV	0mA - 7.5mA	
Near 0kV - 50kV	0mA - 6mA	
Near 0kV - 60kV	0mA - 5mA	
Output Polarity	Positive or Negative	
Maximum output voltage	Near 0kV - 60kV adjustable	
Maximum output current	0mA - 5mA adjustable	
Output Power	300W	
Stability	Less than 0.5%	
Line Regulation	Less than 0.5%	
Load Regulation	Less than 0.5%	
Environmental		
Ambient Temperature	-10°C - 40°C	
Relative Humidity	Less than 80% non-condensing	

Sirius 3

Input Specifications				
AC Input Voltage	240VAC +/- 10%			
Output Sp	ecifications			
Output Voltage	30kV Maximum			
Output Polarity	Negative			
Output Power	900W			
Stability	Less than 0.5%			
Line Regulation	Less than 0.5%			
Load Regulation	Less than 0.5%			
Environmental				
Ambient Temperature	-10°C - 40°C			
Relative Humidity	Less than 80% non- condensing			

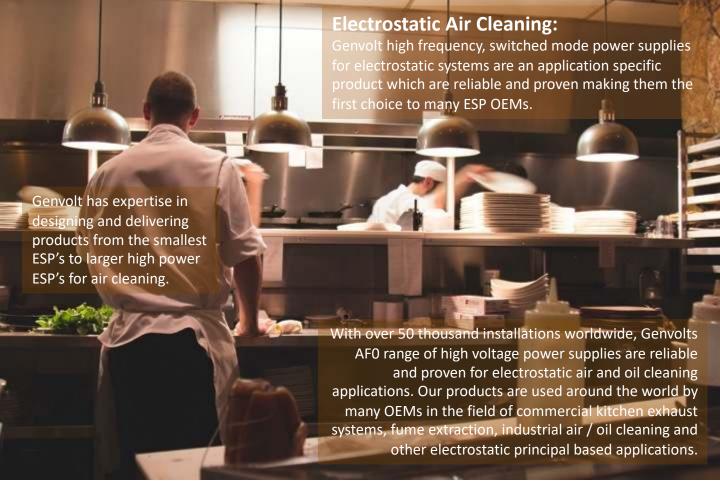




Pegasus P600/P900



	Input Specifications					
AC input voltage Range	220 - 240VAC					
Input Frequency		50 - 60HZ				
Input Current	For F	900 4.7A maximur	n at full power and	d minimum input vol	tage	
Nominal Efficiency at full load			Better than 80%			
		Output Specifica	tions			
Model No.	P600/15	P600/20	P600/30	P600/40	P600/50	
Insulation		ir		Encapsulated		
Output Voltage	15kV	20kV	30kV	40kV	50kV	
Maximum Output Current	40mA	30mA	20mA	15mA	12mA	
Output Power			600W			
Model No.	P900/15	P900/20	P900/30	P900/40	P900/50	
Insulation		ir		Encapsulated		
Output Voltage	15kV	20kV	30kV	40kV	50kV	
Maximum Output Current	60mA	45mA	30mA	22.5mA	18mA	
Output Power		900W				
Ouput Polarity	Positive/ Negative					
Load Regulation	Not more than 100 current	Not more than 100ppm of maximum rated output voltage for 10% to maximum output				
Line Regualtion	Not more than 100ppm of maximum rated output voltage for 10% to maximum output current ± 10% input line charge					
Voltage Ripple	Better than 0.05% (Peak to Peak) of maximum output voltage					
Temperature Coefficient	Typically not more than 100ppm of the maximum output per °C					
		Environmental D	etails			
Operating Temperature	0°C - 35°C					
Storage Temperature	0°C - 60°C					
Relative Humidity	Operating at 30% to 80%. Do not store the unit at above 95% humidity					
		Mechanical Det	ails			
Weight	Approximately 11kg					
Dimensions	Width 482.6mm x Height 88.1mm x Length 478.2mm					
Power input connector	Standard IEC Connector					
HV output connector	LEMO circular push pull connectors with dust cap fitted					
Control Interface connector			15 way D connecto	or		





AF01 Up to 50 Watts, 12kV/6kV dual output, robust air clean



AF04/ AF04B 12kV/6kV up to 100 Watts. Available with single or dual outputs



AF05/AF06
Up to 60kV, 1kW remote controlled units with optional remote display

	AF Range Selection Sheet					
Model	Voltage (kV)	Power (W)	Key Features			
AF01	7, 8, 9, 10, 11, 12, 8/4, 10/5, 12/6	20, 30, 40, 50	Hiccup mode, fault indication, change over contacts			
AF01B	15, 18, 20, 22, 24, 26, 15/7, 16/8, 18/9	20, 30, 40, 50	Hiccup mode, fault indication, change over contacts			
AF04	7, 8, 9, 10, 11, 12, 8/4, 10/5, 12/6	100	Hiccup mode, fault indication, change over contacts			
AF04B	8, 10, 12, 14, 16, 18 - Dual output also available	150, 200, 250, 300	Output voltage tune control			
AF05	14, 16, 18, 20, 22, 14/7, 16/8, 20/10	350, 450, 500	Analog remote control			
AF06	14, 16, 18, 20, 22, 14/7, 16/8, 20/10, 25, 30, 35, 45, 50, 55, 60	600, 800, 1000	Optional remote touch screen control unit			





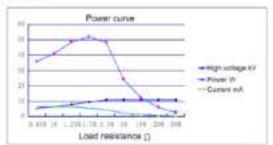
Input Specifications				
Input Voltage Range	115VAC (105 - 125VAC) 220VAC (200 - 240VAC)			
Input Current	Less than 400mA at 220VAC			
Output Spec	ifications			
Output V	oltage			
7kV / 3.5kV	Ionizer / Collector			
8kV / 4kV	Ionizer / Collector			
9kV / 4.5kV	Ionizer / Collector			
10kV / 5kV	Ionizer / Collector			
11kV / 5.5kV	Ionizer / Collector			
12kV / 6kV	Ionizer / Collector			
Output P	ower			
20W	1			
30W	1			
40W				
50W				
Load Regulation	Less than 0.1%			
Line Regulation	Less than 0.1%			
Temperature Drift	Less than 400ppm/°C when operating under 55°C			
Voltage Ripple	Less than 0.3% at full load			
Environmental Details				
Operating Temperature	0 to 55°C			
Storage Temperature	-20 to 80°C			
 Mechanica	Details			
	Length 200mm x			
Dimensions	Width 80mm x Height 40mm			
Dimensions Weight	_			

AF01

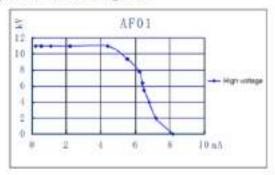


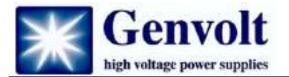
Power Input Connector						
Legend	D	Definition				
L		Live				
N	Mains input	Neutral				
E		Earth				
СОМ		Common				
NC	Relay Contacts	Normally Closed				
NO		Normally Open				
	High Voltage Output of	connector				
Legend	D	efinition				
Ionizer	Full	Full HV output				
Collector	Half	HV output				

Power curve



Output current versus voltage curve

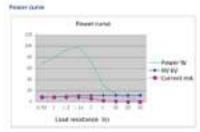


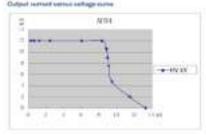




AF04 / AF04B







	Input specifications	5	Outpu	ut specifications
Input voltage	110VAC	or 220VAC	Load regulation	Less than 0.1%
Input current	Less than 400	mA at 220VAC	Line regulation	Less than 0.1%
Input frequency	50	50Hz		Less than 400ppm/°C when operating at <55°C
Output voltage range		Voltage ripple	Less than 0.3% at Full load	
AF04 4/8kV	Collector / Ionizer	4kV / 8kV	Environm	ental requirements
AF04 4.5/9kV	Collector / Ionizer	4.5kV / 9kV	Operating temperature	0°C to 55°C
AF04 5/10kV	Collector / Ionizer	5kV / 10kV	Storage Temperature	-20°C to 80°C
AF04 5.5/11kV	Collector / Ionizer	5.5kV / 11kV	Mec	hanical Details
AF04 6/12kV	Collector / Ionizer	6kV / 12kV	Weight	0.6kg
	Power input connect	or	Width	120mm
Legend	Defi	nition	Length	200mm
L		Live	Height	40mm
N	Mains input	Neutral	Enclosure material	Aluminium Alloy
E		Earth	HV Ou	utput connector
СОМ		Common	Legend	Definition
NC	Relay contacts	Normally closed	lonizer	Full HV output
NO		Normally open	Collector	Half HV output





AF05





Input speci	fication	l N	lechanical Spe	cifications			
Input voltage	200VAC to 240VAC	Power	150W	300W	450W		
Input current	Less than 5A	Width	150mm	150mm	150mm		
Output spec		Height	95mm	95mm	95mm		
Power Range	150W, 300W, 450W, 1000W	Length 220mm 220mm		220mm			
Output voltage	10kV, 15kV, 20kV Adjustable	Weight 1kg 1.5kg Protection		1.5kg	1.6kg		
Line regulation	Less than 1%		Protection				
Load regulation	Less than 1%	Short circuit protection	In the event of an output short circuit, the output current will remain at the set value.				
Temperature drift	300ppm/°C maximum	Over-current protection	In the event of an output over-current, the output current will remain at the set value.				
	Spark protection	When the power supply experiences a spark on load, the output will be switched off momentarily. After which, it will be restored automatically					
	Enviro	nmental requirements					
Ambient temperature		-10°C to	50°C				
Storage temperature		-20°C to	80°C				
Relative humidity		Less than	า 90%				







		lr	put Specification			
Input Voltage			220VAC (200\	/AC - 240VAC)		
Input Current				nan 6A		
		Οι	utput Specification			
Output Voltage Range (kV)	8 - 10	8 - 10 16-20 24-30		32-40	40-50	48-60
Available Output Voltages	10kV	20kV	30kV	40kV	50kV	60kV
Power Ranges Available (W)			600W, 800V	W or 1000W		
Output Polarity	Available	with either posit	ive or negative outpu	ıt polarity. Please sp	ecify which at tim	e of order
Line Regulation				5%		
Load Regulation				5%		
Voltage Ripple			<1% at F	full Load		
Temperature Drift		300	ppm/°C maximum wh	nen operating under	· 55°C	
			Protection			
Short Circuit Protection	In th	ne event of an out	put short circuit, the	output current will	remain at the set	value
Over-Current Protection	In th	e event of an out	put over-current, the	output current will	remain at the set	value
Spark Protection	When the power	er supply experier	nces a spark on the lo which, it will be res			omentarily. After
		Envir	onmental Conditions			
Operating Temperature			-10°C	to 50°C		
Storage Temperature			-20°C t	:o 80°C		
Control Interface Connector	9 way D ty	oe female connec	tor as standard	· ·	IDC Connector. Pluss your requirem	ease contact us to
		HV Out	put Connector Location		, i	
1	.0kV - 20kV			30kV - 60kV		
On one side	of the power sup			nted on the back pa	nel	
			ver input connector			
	Star	ndard 3-way PCB t	terminal Socket & plu			
Legend			Definition			
L		Mai	ins input		Live	
N E		IVId	ins input		<u>Neutral</u> Earth	
<u> </u>					Editii	

High Powered Electrostatic Precipitators:

Genvolts expertise in designing very high frequency SMP's resulted in the development of these high power ESP units. They offer high reliability and efficiency for air cleaning and have been well accepted by our customers globally. The power supplies operate on a higher power efficiency with guaranteed filtration performance, providing adjustable pulse width to effectively inhibit anti-corona. The robust design of Genvolt ESP's along with the extensive arc and short circuit protection allows operation even in the





ESP03

Up to 80kV, 240 kW robust unit predominantly designed for use in cement and coal based power plants



Mercury Series

80-150kV, 150W - 1kW versatile unit for specific air purification systems offering 99.98% efficiency even with micron sized particles

Technical Lead over traditional T-R sets

- Very compact size compared to the equivalent rating line frequency transformer-rectifier sets.
- SMPS based sophisticated Genvolt products offer less output ripple, resulting in high efficient cleaning results.
- Our products are packed with tight regulation control giving stable output even in the most adverse industrial conditions.
- These products are available in multiple mounting options as they are comparatively light weight and do not require as much dedicated floor space.
- Offers advanced control and monitoring features alongside customized smart interfacing solutions.
- For more information on our custom options please contact us at - info@genvolt.co.uk



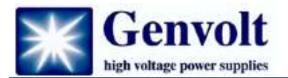


ESP03





						99	
Serial No.	Installed Capacity	AC Input Voltage	AC Input Current	DC Output Voltage	DC Output Current	AC Input Power	DC Output Power
	Сарасіту	(V)	(A)	(KV)	(A)	(kVA)	(kW)
1	0.2A/72kV	380	24	72	0.2	15	14.4
2	0.4A/72kV	380	47	72	0.4	31	28.8
3	0.6A/72kV	380	71	72	0.6	46	43.2
4	0.8A/72kV	380	94	72	0.8	62	57.6
5	1.0A/72kV	380	118	72	1	77	72
6	1.2A/72kV	380	141	72	1.2	93	86.4
7	1.4A/72kV	380	165	72	1.4	108	100.8
8	1.6A/72kV	380	188	72	1.6	124	115.2
9	1.8A/72kV	380	212	72	1.8	139	129.6
10	2.0A/72kV	380	235	72	2	155	144
11	2.2A/72kV	380	259	72	2.2	170	158.4
12	2.4A/72kV	380	282	72	2.4	186	172.8
13	0.2A/80kV	380	26	80	0.2	17	16
14	0.4A/80kV	380	52	80	0.4	34	32
15	0.6A/80kV	380	78	80	0.6	52	48
16	0.8A/80kV	380	104	80	0.8	69	64
17	1.0A/80kV	380	131	80	1	86	80
18	1.2A/80kV	380	157	80	1.2	103	96
19	1.4A/80kV	380	183	80	1.4	120	112
20	1.6A/80kV	380	209	80	1.6	138	128
21	1.8A/80kV	380	235	80	1.8	155	144
22	2.0A/80kV	380	261	80	2	172	160
23	2.2A/80kV	380	287	80	2.2	189	176
24	2.4A/80kV	380	313	80	2.4	206	192





Mercury Series



	Mercury 1	Mercury 2	Mercury 3
Supply voltage	The input is via conventional filtered in lengths, convenient installation an However, if local legislation insists, a di	d servicing and also provides bet	ter EMC performance.
Power	200W	480W	960W
Output voltage	100kV	120kV	150kV
Output current	2.5mA	4mA	8mA
Accuracy	The voltage and curre	ent are within 5% FSD of the dem	and value
Rise time	300msec from	m HV On command into 30pF loa	d
Control	By operator's control unit or remote and control of the or	interface. A basic facility for remo utput voltage and current is incor	
Interlock	An interlock key switch is provided on inter	the front panel of the control un lock loop is also included	it. A facility for an external





5040

1kJ/sec capacitor charging module available in voltages up to 150kV



Designed for capacitor charging applications. Available in voltages up to 40kV, 1000W output power.



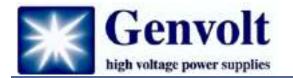
Genvolt

High Power Capacitor charging power supply

120kV, 45kJ/sec high speed, high power supply with PRF's as high as 250Hz

Features:

- Genvolt products are designed and developed to handle capacitor charging applications
- High charge and discharge rates help them to be applied on low to high PRF
- Safety interlocks to suit capacitor loads
- Robust and reliable
- External controlling features are provided to allow operation in remote conditions
- In high power chargers optical interfacing solutions provided

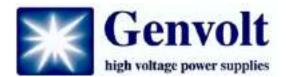




5040



Output voltage	Model illustrated is 50kV. Higher voltages if required. Both positive and negative polarities are available
Output current	Peak current is 40mA for the example shown
Duty cycle	The model above is designed for low duty cycle operation (<10%). Continuous operation with appropriate heatsinking can be provided
Input Voltage	The unit is designed to operate from a DC source such as a battery pack. For 1kJ/sec 2kW peak operation, a 100-140VDC supply is required. (However, for 500J/sec 1kW peak, operation from 20-48V is available)
Input current	Less than 25A maximum, depending on input voltage. (50A for low voltage use)
Environment	0 to 50°C ambient. Non-condensing atmosphere
Weight	Model shown is 13kg
Stability and ripple	The unit is designed for capacitor charging with a maximum PRF of 100Hz. For CW operation, ripple and stability can be tailored to suit the customer's own specification
Control interface	Active low HV ON input. 0-10V HV and current limit programming, OC-TTL constant voltage/ current outputs, 0-10V HV and current monitor outputs





CCL



Input Specifications								
Input Voltage			220 VAC (20	00-240 VAC)				
Input Current			<6A at 2	220VAC				
	Outp	out Specificatio	ns					
Model	5kV	10kV	20kV	30kV	40kV	50kV		
Output Voltage Range	Near 0-5kV	Near 0-10kV	Near 0-20kV	Near 0-30kV	Near 0-40kV	Near 0-50kV		
Power			100	0W				
Output Current	200mA	100mA	50mA	33mA	25mA	20mA		
Line Regulation			<0.	5%				
Load Regulation			<0.	5%				
Temperature drift	W	hen operating	temperature	is below 55 °C	<300ppm/°	С		
Voltage Stability		Bette	r than 1% und	der load condit	tions			
Operating Temperature			-10 ° C	- 50 ° C				
Storage Temperature			-20 ° C	- 80 ° C				
Dimensions		(L) 360)mm x (W) 18	30mm x (H) 13	6mm			
Weight		Between 2	kg - 6kg depe	nding on outp	ut voltage			





High Powered Capacitor Charging Power Supply

Input Power							
DC Input Voltage Range	550VDC						
AC Input Voltage Range	380 -	440VAC					
Efficiency	>	90%					
	Output Power						
Output Voltage Range	1kV	- 120kV					
Available Output Voltages	1kV, 2kV, 5kV, 20kV, 30k	1kV, 2kV, 5kV, 20kV, 30kV, 40kV, 50kV, 60kV, 120kV					
Polarity	Positive	or Negative					
Stability	>(0.1%					
Line Regulation	>(0.1%					
Load Regulation	>(0.1%					
Output Power	up to	o 30kW					
Operating Mode	Constant Voltage	or Constant Current					
Operating Cycle	Conf	tinuous					
	Environmental						
Operating Temperature	10°C	C - 40°C					
Storage Temperature	-10°	C - 60°C					
Humidity	<90% non	n-condensing					
Cooling	Forced Air o	r Water Cooling					
	Mechanical						
Format	Titan Format (Rack Callisto Format (Free mounted) Standing)						
Height	9U	11U					
Length	560mm (excl. Handles)	780mm (excl. Handles)					
Width	19" Rack	605mm					
Weight	70kg (Typical)	100kg (Typical)					









Pleiades

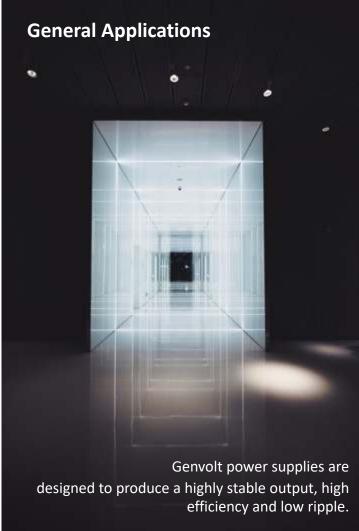
19" 6U power supply. Available with voltages from 1kV to 100kV and output power of up to 6kW. Suitable for ion beam implantation, electron beam welding, capacitor charging and X-ray systems



EB Series

Voltages of up to 150kV and power up to 60kW Electron Beam power supply. Suitable for electron beam welding



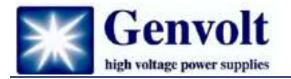


Features:

- High Stability
- High Accuracy
- Low Ripple
- Highly Regulated
- Low Temperature drift
- Smart interfacing solutions
- Remote control using multiple options
- Protections against over voltage, over current, arcs, short circuits and more...

Applications:

- Electrospinning
- Mass spectrometry
- Electron beam printing
- Electrostatic sputtering
- Electrostatic sprayers
- Electron beam welding / melting
- Corona treaters
- Electrostatic separation
- And many more...



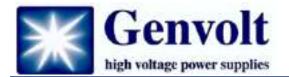


Pleiades





2.1	2500
	Input Specifications
Input Voltage	380VAC, three phase, efficiency 90%, power factor 0.92
Optional:	360 - 528VAC
	Output Specifications
Output Power	Up to 6kW
Output Voltage	18 units are available with voltages from 1kV - 100kV
Output Polarity	Positive or Negative
Output ripple	Better than 0.1%
Power adjustment rate	Better than 0.1%
Load Regulation	Better than 0.1%
Local output control	The voltage and current are continuously adjustable over the full range
	by using a ten-turn potentiometer with a lockable counting dial
	Environmental
Operating Temperature	0 - 40°C
Storage Temperature	-40 - + 85°C
Humidity	10% - 90%
Relative humidity	Non condensing
Cooling	Forced air cooling. The air inlet passes through the front panel and the outlet is on the rear panel
System Status	The front panel indicators provide up to 13 system operating states, including: voltage and current regulation, fault conditions, and circuit control
Analog interface connector	Genvolt provide a detachable 3 meter long shielded high voltage line. 1.8 m input power cord
	Dimensions
Sizing	19" 6U rack mounted design
Height	266mm
Width	483mm
Length	573mm
Weight	1kV - 10kV - 40kg
Weight	20kV - 100kV - 50kg
Controls	Both local and remote modes are available with remote control being
	via DB50 female D connector to the rear





EB Series



EP-10	00-400-F50-B2		:B-60-100-F20-B2	ED	-100-160-F50-B2
	ct Specification		oduct Specification		duct Specification
Input Voltage	AC three-phase 380V with neutral line, voltage allowable fluctuation 5%	Input Voltage AC t	hree-phase 380V with neutral line, age allowable fluctuation 5%	Input Voltage	AC three-phase 380V with neutral line, voltage allowable fluctuation 5%
	Output		Output		Output
High Volt	age Power Supply	High '	Voltage Power Supply	High V	oltage Power Supply
Output Voltage	Maximum 150kV	Output Voltage	-60kV	Output Voltage	150kV
Output Power	3,6,10,15,20,30 and 40kW	Output Power	3,6,10,15,20,30 and 40kW	Output Power	3,6,10,15,20,30 and 40kW
Stability of Output voltage	<0.2%	Stability of Output voltage	<0.2%	Stability of Output voltage	<0.2%
RMS of High Voltage Ripple	<0.5%	RMS of High Voltage Ripple	<0.5%	RMS of High Voltage Ripple	<0.5%
Filamer	nt Power Supply	Fila	ment Power Supply	Filan	nent Power Supply
Output current	DC 0-50A	Output current	DC 0-20A	Output current	DC 0-50A
Output voltage	0 - 20V - Determined by the filament load, the power does not exceed 1kW	Output voltage	0 - 10V	Output voltage	0 - 20V
Stability of Filament Current	<0.5%	Stability of Filament Current	<0.5%	Stability of Filament Current	<0.5%
Grid Bia	s Power Supply	Grid	d Bias Power Supply	Grid	Bias Power Supply
Output Current	Maximum 10mA	Output Current	Maximum 10mA	Output Current	Maximum 10mA
Output Voltage	DC 0 - 2kV	Output Voltage	-300V, 0 - 2kV (switchable)	Output Voltage	DC 0 - 2kV
Stability of Output voltage	<0.2%	Stability of Output voltage	<0.2%	Stability of Output voltage	<0.2%
RMS of Output Voltage Ripple	0.20%	RMS of Output Voltage Ripple	0.20%	RMS of Output Voltage Ripple	0.20%
Output Current	Determined by output power	Output Current	50, 100, 150, 200, 300 and 400mA	Output Current	50, 100, 150, 200, 300 and 400mA
Stability of Output Current	<0.2%	Stability of Output Current	<0.2%	Stability of Output Current	<0.2%
Working Mode	Continuous	Working Mode	Continuous	Working Mode	Continuous
Cooling Method	Water forced and Air Cooling	Cooling Method	Water forced and Air Cooling	Cooling Method	Water forced and Air Cooling
Working Temperature	-10°C - 40°C	Working Temperature	-10°C - 40°C	Working Temperature	-10°C - 40°C
Working Humidity	<90%, non condensing	Working Humidity	<90%, non condensing	Working Humidity	<90%, non condensing
Dimensions	Width: 1062mm, Length: 1270mm, Height: 965mm	Dimensions	Width: 731.5mm, Length: 970mm, Height: 857mm	Dimensions	Width: 891.5mm, Length: 949mm, Height: 907mm
Weight	800kg	Weight	700kg	Weight	750kg



What is NDT?

Non-destructive testing (NDT) is the process of inspecting, testing or evaluating materials, components or assemblies for discontinuities or differences in characteristics without destroying the serviceability of the part of system. In other words, it is the process of detecting and evaluating flaws in materials.

Genvolt Products

We offer a range of X-ray power supplies compatible to various industrial X-ray needs. The Genvolt products illustrate our capability to produce innovative designs in response to challenging specifications. Please contact us for special application requirements at - info@genvolt.co.uk

Key Features:

- Highly reliable
- High efficiency and superior output quality
- Very high voltage and power options available
- Optional integrated bias and filament supply outputs
- Wide controls and monitoring options
- Various remote control and interfacing solutions
- Optional external remote control
- Operating temperature management by air or water



Pegasus P1800

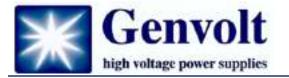
Up to 120kV, 2400 Watt power supply with optional multiple interfacing options. The P1800 is suitable for a variety of applications which include industrial X-ray usage.



Perseus

A high voltage power supply which is designed specifically for industrial X-ray use. It's highly stable, accurate, and is capable of being applied to material analysis and security as well as many other applications. Available in voltages up to 60kV and up to 2kW power.

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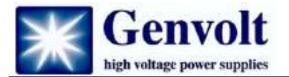




Pegasus P1800



			In	out Specifica	ations				
AC input voltage rar	nge 230V	AC (198 - 26	4VAC)						
Input frequency	45-60)Hz							
Power Factor	Great	er than 0.95	,						
			Ou	tput specific	cations				
		Air				Encaps			
Model No.	P1800/10	P1800/20	P1800/30	P1800/40	P1800/50	P1800/70	P1800/90	P1800/100	P1800/120
Output Voltage	10kV	20kV	30kV	40kV	50kV	70kV	90kV	100kV	120kV
Output current	180mA	90mA	60mA	45mA	36mA	26mA	20mA	18mA	15mA
				output spec	cifications				
Output polarity		ve or Negat							
Load regulation	Not n chang		00ppm of m	aximum rat	ed output v	oltage for 10	0% to maxir	num output	current
Line regulation					ed output v	oltage for ±1	L0% input li	ne change	
Ripple	0.1%	peak to pea	k at inverte	r frequency					
Stability after half h settling period	our Not n	nore than 0.	04% per ho	ur - Not mo	re than 0.05	% per 8 hoυ	ırs		
Temperature coeffice (0 to 50°C)	cient Typic	ally not mor	e than 100p	opm of maxi	mum outpu	t per °C			
Optional outputs		ed grid outp ed filament							
Protection	Spark	protection,	overload a	nd short circ	uit protecti	on, primary	over currer	nt protection	1
			Mech	anical Spec	ifications				
Weight	Appro	oximately 35	kg for 120k	V. Weight d	ependent o	n size and m	nodel		
Dimensions		lard 19" forr ectors and e		3U high, 580	Omm long ex	xcluding suc	h back pane	el furniture a	as
Power input connec	ctor Neuti	rik NAC3FCA	power inle	t					
HV output connecto	or Modi	fied shell siz	e 19TNM fe	male socket	t				
Control interface connector	40 pir	40 pin harting connector or 37 way D-sub connector							
			Enviro	nmental req	uirements				
Operating temperat	ture 0°C -	0°C - 35°C							
Storage temperatur	re 0°C to	60°C							
Relative humidity		ating at 30%	to 80%. Do	not store tl	ne unit at ab	ove 95% hu	ımidity		

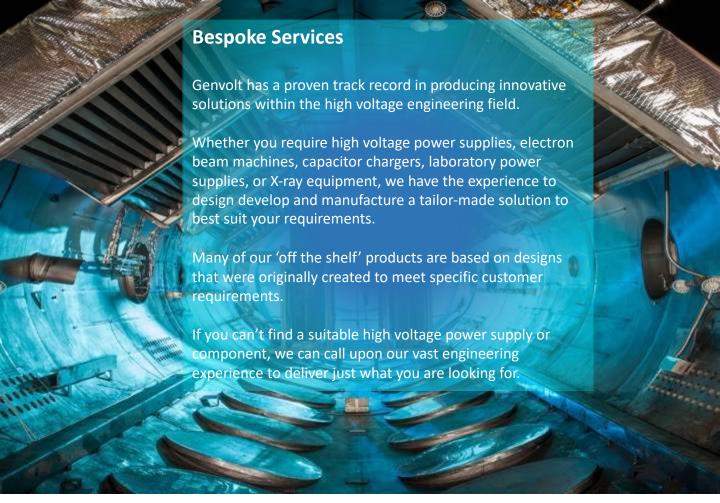




Perseus



	Input Specifications	Environmental					
AC input voltage Range	220 VAC ±10%	Temperature	0°C - 50°C				
Power Factor	0.92	Humidity	Less than 90% non- condensing				
C	Output Specifications	Mechanical Specifications					
Output voltage	Near 0-60kV	Dime	nsions				
Output current	0-33mA, 45mA Maximum	Width	483mm				
Output voltage stablility	Within 0.1% of set value after warm up	Length	600mm				
Ripple	<0.2%	Height	178mm				
Filament voltage	0-6V DC	Weight	32kg				
Filament current	0-5A DC	Power Input connector	Standard IEC socket				
	Parameter settings	HV output connector	Claymount CA1 (03) 100kV high voltage socket				
Voltage setting	0-10V = 0-60kV	Control Interface connector	25 pin female D connector (Optional RS232 available on request)				
Current setting	0-10V = 0-45mA						
Maximum filament current setting	0-10V = 0-5A (This is set to prevent the filament from failing when over-current)						
	Output feedback						
Output voltage feedback	0-60kV						
Output current feedback	0-45mA						
Filament current feedback	0-5A						





Vulcan Series

Up to 200kV, 24kW specially designed electron beam / capacitor charging units



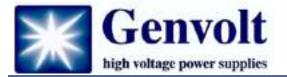


HV Transformer / Rectifier

High Voltage units outputting 10kV – 50kV DC

Features:

- Completely customized solutions suitable for specific requirements
- Very high voltage outputs can be achieved
- Higher power requirements can be met
- Single or dual polarity options
- Reversible polarity feature with easy access
- Multiple outputs when required
- Forced air / water cooled provision
- Traditional oil sealed transformer-rectifier sets with high operating frequency
- Various remote control options using analog or digital interfacing
- Different smart interface solutions to meet specific requirements







Vulcan Series

Output voltage	The output voltage may be set to any value up to 60kV negative (in this example). Values below 500V are considered to be outside the normal operational range and are not subject to specification
Output stored energy	Any level of current may be drawn from the supply up to a maximum of 250mA Automatic reduction of output voltage occurs above approximately 275mA
Ripple	60V peak to peak at twice the main oscillator frequency. The oscillator operates at 50 to 60kHz and so the main ripple component of the output will be at 100 to 120kHz. This assumes that the high voltage cable is at least 1000pF. There is also a ripple component at 100Hz (for a 50Hz supply). This is below 60V peak to peak but is measured separately from the convertor frequency component. Note that convertor frequency ripple is mainly related to load current, not voltage, while mains frequency ripple is related to output power
Regulation	Line: Less than 15V for a 25VAC change in supply voltage Load: Less than 15V for a 25mA (10%) to 250mA (100%) change in load current Analogue inputs and outputs
HV command input	0 to +10V = 0 to 60kV
mA command input	0 to +10V = 0 to 250mA
Bias command input	0 to +10V = 0 to -2000V (Standby Mode)
HV feedback output	0 to +10V = 0 to 60kV
mA feedback output	0 to +10V = 0 to 250mA
Bias feedback output	0 to +10V = 0 to -2000V
filament feedback output	0 to +10V = 0 to 100A
Dimensions	56cm x 78cm x 100cm
Weight	Approx. 250kg













Transformer rectifier

Specification Summary								
Model	6.4kW HV Transformer Rectifier	20kW HV Transformer Rectifier						
Power Rating	6.4kW	20kW						
Frequency of Operation	20kHz	20kHz						
Output Voltage	46kVDC on full load	33kVDC on full load						
Average Current	140mA Max.	600mA Max.						
Input Voltage	450V peak to peak	450V peak to peak						
Primary Current	Quasi sine wave	Quasi sine wave						
Leakage Inductance	<30μΗ	<25μH						
Pulse Load Current	4A Max.	20A Max.						
Primary Average Current	20A Max.	60A Max.						
Primary Pulse Current	55A Max.	160A Max.						
	Dimensions							
Width	265mm	365mm						
Length	425mm	525mm						
Height	347mm	407mm						
Material	Stainless Steel	Stainless Steel						
Weight	50kg Max.	80kg Max.						
	Environmental							
High Temperature Operation	+55°C	+55°C						
High Temperature Storage	+70°C	+70°C						
Low Temperature Operation	-20°C	-20°C						
Low Temperature Storage	-30°C	-30°C						
Relative Humidity Test	95% RH at 40°C. Non- condensing	95% RH at 40°C. Non- condensing						







High Voltage Components

Genvolt high voltage components include capacitors, resistors and connectors, which are designed to withstand the test of time. Their robust design, economical viability and super quality are common factors to all of them. They are highly stable and are used in a variety of applications including voltage dividers, test equipment, medical equipment, measuring equipment, oscillators and coupling circuits to name a few. Needless to say, these components can all be tailormade to suit individual requirements.





DXU Range

High Voltage ceramic capacitors up to 8000pF, 10kV to 50kV



RES100

High voltage resistors ranging from 50Ω to 100G Ω , 30 Watts to 1000 Watts



RES200

Up to $200k\Omega$, 1kW highly stable high voltage resistors with impulse stability as high as 500kV, 300A



CGG81 Range

High frequency power capacitors ranging up to 2200pF, 120kV



XLCG Connector

30kV high voltage connector set, supplied with or without high voltage cable



60kV High Voltage Connector

60kV PTFE high voltage connector set with or without high voltage cable.

High Voltage Cable

Genvolt stocks and supplies a variety of high voltage PTFE and silicon cables which are suitable for internal wiring of CRT based television, electronic oven, copy machine etc.





Capacitors



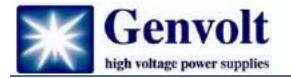
DXU – **Doorknob** capacitors



CGG81 – Disc capacitors

DXU Capacitors											
Part No.	Capacitance	Capacitance	DC Rated	Din	nen: mm	sion 1	Terminal Type				
T GITT TO	(pF)	Tolerance	Voltage (kV)	D	L	H	Thread & Depth				
DXU-10-561	560	±10	10	24	20	18	M4x4mm				
DXU-10-122	1200	±10	10	30	20	18	M4x4mm				
DXU-10-282	2800	±10	10	40	20	18	M4x4mm				
DXU-10-502	5000	±10	10	52	20	18	M5x4mm				
DXU-10-802	8000	±10	10	60	16	14	M5x4mm				
DXU-20-281	280	±10	20	24	26	24	M4x4mm				
DXU-20-881	880	±10	20	30	26	24	M4x4mm				
DXU-20-142	1400	±10 20		40	26	24	M4x4mm				
DXU-20-252	2500	±10	20	52	26	24	M5x4mm				
DXU-20-402	4000	±10	20	60	26	24	M5x4mm				
DXU-30-591	590	±10	30	30	30	28	M4x4mm				
DXU-30-941	940	±10	30	40	30	28	M5x4mm				
DXU-30-172	1700	±10	±10 30 52 30 2		28	M5x4mm					
DXU-30-272	2700	±10	30	60	30	28	M5x4mm				
DXU-40-441	440	±10	40	30	32	30	M4x4mm				
DXU-40-701	700	±10	40	40	32	30	M5x4mm				
DXU-40-132	1300	±10	40	52	32	30	M5x4mm				
DXU-40-202	2000	±10	40	60	32	30	M5x4mm				
DXU-50-401	400	±10	50	30	35	33	M4x4mm				
DXU-50-651	650	±10	50	36	35	33	M5x4mm				
DXU-50-911	910	±10	50	40	33	31	M5x4mm				
DXU-50- 112	1100	±10	50	52	35	33	M5x4mm				
DXU-50-172	1700	±10	50	59	35	33	M5x4mm				
					_						

	CGG81 - Disc capacitors											
Model	Capacitance	pF	·		Voltage		kVA	Temperature	Dim	nension (mm)		
Number	Сарасітапсе	Tolerance	DC	High Freq	NVA	Characteristic		н	Thread			
CGG81-01	100	10%	12	7	15	-750±120ppm/°C	60	40	M6			
CGG81-01	300	10%	10	7	8	-750±120ppm/°C	60	37	M6			
CGG81-01	500	10%	8	4	8	-750±120ppm/°C	60	25	M6			
CGG81-02	50	10%	12	7	12	-750±120ppm/°C	80	34	M6			
CGG81-02	300	10%	15	8	30	-750±120ppm/°C	80	37	M6			
CGG81-02	500	10%	15	8	15	-750±120ppm/°C	80	37	M6			
CGG81-02	1000	10%	7	5	15	-750±120ppm/°C	80	35	M6			
CGG81-03	300	10%	25	20	90	-750±120ppm/°C	110	55	M8			
CGG81-03	500	10%	15	10	30	-750±120ppm/°C	110	55	M8			
CGG81-03	1000	10%	8	7	30	-750±120ppm/°C	110	50	M8			
CGG81-03	1500	10%	7	7	20	-750±120ppm/°C	110	50	M8			
CGG81-04	800	10%	25	20	90	-750±120ppm/°C	140	56	M8			
CGG81-04	1000	10%	20	15	100	-750±120ppm/°C	140	53	M8			
CGG81-04	1500	10%	15	8	90	-750±120ppm/°C	140	51	M8			
CGG81-05	1500	10%	21	15	120	-750±120ppm/°C	160	52	M8			
CGG81-05	2200	10%	20	10	120	-750±120ppm/°C	160	50	M8			





Resistors



RES100 and RES200

	RES100									
Rated Power	Resistance Value, Ω	Resistance Value, Ω Termination Temperature Coefficient To								
30	50~100G	M5	≤±150ppm/°C		30kV					
50	50~100G	M6	≤±150ppm/°C		50kV					
70	50~100G	M6	≤±150ppm/°C	±2%	70kV					
100	50~100G	M6	≤±150ppm/°C		100kV					
130	50~100G	M8	≤±150ppm/°C		130kV					
150	50~100G	M8	≤±150ppm/°C	±5%	150kV					
200	50~100G	M8	≤±150ppm/°C		200kV					
250	50~100G	M8	≤±150ppm/°C		250kV					
300	50~100G	M8	≤±150ppm/°C		300kV					
350	50~100G	M8	≤±150ppm/°C	±8%	350kV					
400	50~100G	M8	≤±150ppm/°C		400kV					
500	50~100G	M8	≤±150ppm/°C		500kV					
600	50~100G	M8	≤±150ppm/°C	±10%	600kV					
700	50~100G	M8	≤±150ppm/°C		700kV					
800	50~100G	M8	≤±150ppm/°C		800kVp[[[
1000	50~100G	M8	≤±150ppm/°C		1000kV					

		RES20	0		
Rated Power	Resistance Range, Ω	Termination	Temperature Coefficient	Tolerance	Voltage Limit
30	0.1 ~ 200K	M5	≤±400ppm/°C		10kV
50	0.1 ~ 200K	M6	≤±400ppm/°C		30kV
70	0.1 ~ 200K	M6	≤±400ppm/°C	2%	40kV
100	0.1 ~ 200K	M6	≤±400ppm/°C		50kV
130	0.1 ~ 200K	M8	≤±400ppm/°C	±5%	60kV
150	0.1 ~ 200K	M8	≤±400ppm/°C		80kV
200	0.1 ~ 200K	M8	≤±400ppm/°C		100kV
250	0.1 ~ 200K	M8	≤±400ppm/°C	±8%	100kV
300	0.1 ~ 200K	M8	≤±400ppm/°C		120kV
350	0.1 ~ 200K	M8	≤±400ppm/°C		120kV
400	0.1 ~ 200K	M8	≤±400ppm/°C		130kV
500	0.1 ~ 200K	M8	≤±400ppm/°C	±10%	180kV
600	0.1 ~ 200K	M8	≤±400ppm/°C		200kV
700	0.1 ~ 200K	M8	≤±400ppm/°C		300kV
800	0.1 ~ 200K	M8	≤±400ppm/°C		400kV
1000	0.1 ~ 200K	M8	≤±400ppm/°C		500kV

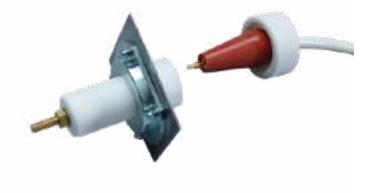
Web: www.Genvolt.com **Email:** info@Genvolt.co.uk **Tel:** +44 (0) 1746 862555 New Road, Bridgnorth, Shropshire. WV16 6NN.





High Voltage connectors





XLCG - 30kV Connector

60kV Connector

Туре	Rated Voltage (kV)	Size (AWG)	External Diameter (mm)	Wire Gauge	Insulator Material		
TV-20	20kV	22	3.15 mm	7/0.25	Polyethylene		
TV-30	30kV	22	3.50 mm	7/0.25	Polyethylene		
TV-40	40kV	22	4.15 mm	7/0.25	Polyethylene		
TV-50	50kV	22	5.00 mm	7/0.25	Polyethylene		
	Materials						
Connector Receptacle		Flame-re	tardant Poly	ypropyle	ne		
Connector Plug	Flame-retardant Polypropylene						
Contact		Brass/Gold	plated Pho	sphor bro	onze		
Сар		Flame-re	tardant Poly	propyle	ne		
		Mech	anical				
Temperatur e rating			Up tp 60°0				
Contact size			4mm				
Posit	ion						
A: Earthed p	robe to HV	>40)kV				
B: Chassi	s to HV	>50)kV				
C: Earthed P (Cap e		>30)kV				

Housing Material	PTFE
	4mm diameter gold plated
Contact Terminal	spring contact
	Silicone rubber 2.5mm2 60kV
High Voltage Wire	HV cable

The Genvolt Type 60kV HV connector is designed for convenient connection and disconnection of non-live circuits. It should not be possible, in operation, for a user to pull on the wire or unscrew the cap.

It is designed typically for use with unscreened silicone-covered HV wire which Genvolt can also supply.

The connector has a plastic shell and uses compression to enhance the tracking performance of the length of the cable inside the housing.

Some caution needs to be taken into account before incorporating the Genvolt 60kV HV connector into equipment intended for operation at high voltages.

The connector is intended only for use with DC circuits.





High Voltage Cable

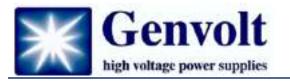




Please Note: Identification marking is printed in one line (*): Production Lot No.

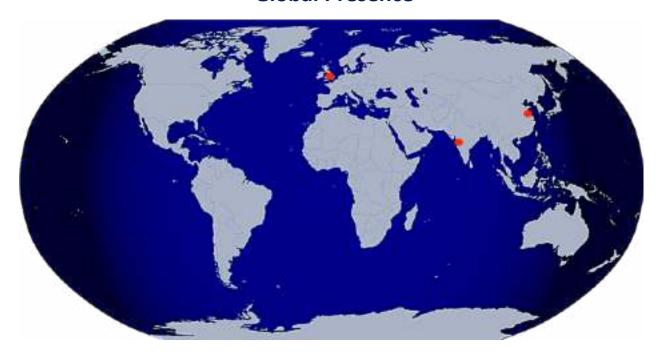
	CSA	Rating		Conductor (Tinned Annealed Copper Wire)		Insulation (Heat Resistant Irrax®, natural colour)		Jacket (Lead free XLPVC)			
Style No.	Standard	Temp (°C)	Voltage (kV DC)	Conductor (Tinned Annealed Copper Wire)	No. (mm)	Nom. Diameter (mm)	Nom. Thickness (mm)	Nom. Diameter (mm)	Nom. Thickness (mm)	Nom. Diameter (mm)	Colour
3239	TV-10		10kV	22	7/0.26	0.78	0.31	1.4	0.4	2.2	Dod White
3239				22	7/0.26	0.78	0.64	2.06	0.57	3.2	Red, White and black
(00)*	TV-20		20kV	20	1/0.81	0.81	0.63	2.06	0.52	3.1	allu black
(00)	1 V-2U			18	19/0.254	1.27	0.55	2.37	0.69	3.75	
3239		2014/	30kV	22	7/0.26	0.78	0.76	2.3	0.55	3.4	
3239	TV-30	105°C	SUKV	20	1/0.81	0.81	0.76	2.33	0.54	3.4]
(SS)*	1 V-30	40kV	22	7/0.26	0.78	1.01	2.8	0.7	4.2	Red	
3239	TV-40		40KV	20	1/0.81	0.81	0.995	2.8	0.7	4.2]
(PP)*	TV-40		50kV	22	7/0.26	0.78	1.1	2.98	1.1	5.2]
339	TV-50		JUKV	20	1/0.81	0.81	1.11	3.03	1.085	5.2	

Please note we are also able to provide a selection of silicone cables if required. For more information please contact us at - info@Genvolt.co.uk





Global Presence



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