

➔ Static Var Generator - 220V				
Rated Capacity	5 kvar/10 kvar/15 kvar	25 kvar	35 kvar	55 kvar
Mouldle Size (Rack)	460*483*86mm	540*545*190mm	540*545*190mm	540*551*219mm
Mouldle Size (Wall)	424*88*541mm	504*191*584mm	504*191*584mm	504*220*608mm
Net Weight	14 kgs	28 kgs	34 kgs	42kgs
Air Flow for Heat Dissipation	4x80CFM	4x120CFM	4x120CFM	4x190CFM
Rated Voltage	220V(176V~264V)			
Frequency	50Hz / 60Hz (Range: 45Hz - 62.5Hz)			
Wiring Structure	3P3W/ 3P4W			
Harmonic Filtering	2nd ~ 13th			
Reactive Power Compensation	Adjustable from -1 to +1			
Unbalance Correction	100% imbalance correction			
Protection Function	Over-voltage protection, under-voltage protection, short-circuit protection, inverter bridge inverse protection, over-compensation protection and so on			
Current Transformer	50/5 ~ 6000/5			
Harmonic Filter Rate	≥ 97%			
Filter Performance	THDi<5%			
Noise Level	<60dB (standard type) / No noise (Fanless type)			
Response Time	50us			
Full Response Time	<10ms			
IGBT Switching Frequency	20kHz			
Topology Design	3 level topology			
Parallel Quantities	Unlimited			
Communication Port	RS485 Communication & Optional Ethernet			
Communication Protocol	Modbus Protocol & TCP/IP Protocol			
Module Display Interface	4.3" Display (wall mounted)/ 7" or 10" Display (Multiple Rack mounted)			
Mounting Type	Wall mounted/Rack mounted/Cabinet/Customized parallel			
Monitoring	Independent monitoring and centralized monitoring			
Standard Compliance	EN IEC 6100; EN IEC 62477			
Protection Class	IP 20 -Standard type; IP51-Fully Sealed type; IP65-Outdoor Type			
Operating Temperature	-10 ~ 45°C			
Relative Humidity	5% to 95% non-condensing			
Altitude	1% up 2000 m. Between 2000 m to 4000 m, according to GB/T3859.2,the power decreases by 1% for every additional 100 m.			
Color	Black or Customized Color			

➔ Static Var Generator - 400V				
Rated Capacity	10 kvar/20 kvar/30 kvar	50 kvar	75 kvar	100 kvar
Mouldle Size (Rack)	460*483*86mm	540*545*190mm	540*545*190mm	540*551*219mm
Mouldle Size (Wall)	424*88*541mm	504*191*584mm	504*191*584mm	504*220*608mm
Net Weight	14 kgs	34 kgs	34 kgs	42kgs
Air Flow for Heat Dissipation	4x80CFM	4x120CFM	4x120CFM	4x190CFM
Rated Voltage	400V(304V~456V)			
Frequency	50Hz / 60Hz (Range: 45Hz - 62.5Hz)			
Wiring Structure	3P3W/ 3P4W			
Harmonic Filtering	2nd ~ 13th			
Reactive Power Compensation	Adjustable from -1 to +1			
Unbalance Correction	100% imbalance correction			
Protection Function	Over-voltage protection, under-voltage protection, short-circuit protection, inverter bridge inverse protection, over-compensation protection and so on			
Current Transformer	50/5 ~ 6000/5			
Harmonic Filter Rate	≥ 97%			
Filter Performance	THDi<5%			
Noise Level	<60dB (standard type) / No noise (Fanless type)			
Response Time	50us			
Full Response Time	<10ms			
IGBT Switching Frequency	20kHz			
Topology Design	3 level topology			
Parallel Quantities	Unlimited			
Communication Port	RS485 Communication & Optional Ethernet			
Communication Protocol	Modbus Protocol & TCP/IP Protocol			
Module Display Interface	4.3" Display (wall mounted)/ 7" or 10" Display (Multiple Rack mounted)			
Mounting Type	Wall mounted/Rack mounted/Cabinet/Customized parallel			
Monitoring	Independent monitoring and centralized monitoring			
Standard Compliance	EN IEC 6100; EN IEC 62477			
Protection Class	IP 20 -Standard type; IP51-Fully Sealed type; IP65-Outdoor Type			
Operating Temperature	-10 ~ 45°C			
Relative Humidity	5% to 95% non-condensing			
Altitude	1% up 2000 m. Between 2000 m to 4000 m, according to GB/T3859.2,the power decreases by 1% for every additional 100 m.			
Color	Black or Customized Color			

Technical Specifications

➔ Static Var Generator - 480V, 3P3W			
Rated Capacity	12kvar / 20kvar / 30kvar	40kvar / 60kvar	80kvar / 100kvar
Module Size (Rack)	460*483*86mm	540*545*190mm	540*551*219mm
Module Size (Wall)	424*88*541mm	504*191*584mm	504*220*608mm
Net Weight	14 kgs	34 kgs	42kgs
Air Flow for Heat Dissipation	4x80CFM	4x120CFM	4x190CFM
Rated Voltage	480V(380V~504V)		
Frequency	50Hz / 60Hz (Range: 45Hz - 62.5Hz)		
Wiring Structure	3P3W		
Harmonic Filtering	2nd ~ 13th		
Reactive Power Compensation	Adjustable from -1 to +1		
Unbalance Correction	100% imbalance correction		
Protection Function	Over-voltage protection, under-voltage protection, short-circuit protection, inverter bridge inverse protection, over-compensation protection and so on		
Current Transformer	50/5 ~ 6000/5		
Harmonic Filter Rate	≥ 97%		
Filter Performance	THDi<5%		
Noise Level	<60dB (standard type) / No noise (Fanless type)		
Response Time	50us		
Full Response Time	<10ms		
IGBT Switching Frequency	20kHz		
Topology Design	3 level topology		
Parallel Quantities	Unlimited		
Communication Port	RS485 Communication & Optional Ethernet		
Communication Protocol	Modbus Protocol & TCP/IP Protocol		
Module Display Interface	4.3" Display (wall mounted)/ 7" or 10" Display (Multiple Rack mounted)		
Mounting Type	Wall mounted/Rack mounted/Cabinet/Customized parallel		
Monitoring	Independent monitoring and centralized monitoring		
Standard Compliance	EN IEC 6100; EN IEC 62477		
Protection Class	IP 20 -Standard type; IP51-Fully Sealed type; IP65-Outdoor Type		
Operating Temperature	-10 ~ 45°C		
Relative Humidity	5% to 95% non-condensing		
Altitude	1% up 2000 m. Between 2000 m to 4000 m, according to GB/T3859.2,the power decreases by 1% for every additional 100 m.		
Color	Black or Customized Color		

Technical Specifications

➔ Static Var Generator - 480V, 3P4W		
Rated Capacity	40 kvar	83 kvar
Module Size (Rack)	540*545*190	540*551*219
Module Size (Wall)	504*191*584	504*220*608
Net Weight	34 kgs	42kgs
Air Flow for Heat Dissipation	4x120CFM	4x190CFM
Rated Voltage	480V (384V ~ 576V)	
Frequency	50Hz / 60Hz (Range: 45Hz - 62.5Hz)	
Wiring Structure	3P4W	
Harmonic Filtering	2nd ~ 13th	
Reactive Power Compensation	Adjustable from -1 to +1	
Unbalance Correction	100% imbalance correction	
Protection Function	Over-voltage protection, under-voltage protection, short-circuit protection, inverter bridge inverse protection, over-compensation protection and so on	
Current Transformer	50/5 ~ 6000/5	
Harmonic Filter Rate	≥ 97%	
Filter Performance	THDi<5%	
Noise Level	<60dB (standard type) / No noise (Fanless type)	
Response Time	50us	
Full Response Time	<10ms	
IGBT Switching Frequency	20kHz	
Topology Design	3 level topology	
Parallel Quantities	Unlimited	
Communication Port	RS485 Communication & Optional Ethernet	
Communication Protocol	Modbus Protocol & TCP/IP Protocol	
Module Display Interface	4.3" Display (wall mounted)/ 7" or 10" Display (Multiple Rack mounted)	
Mounting Type	Wall mounted/Rack mounted/Cabinet/Customized parallel	
Monitoring	Independent monitoring and centralized monitoring	
Standard Compliance	EN IEC 6100; EN IEC 62477	
Protection Class	IP 20 -Standard type; IP51-Fully Sealed type; IP65-Outdoor Type	
Operating Temperature	-10 ~ 45°C	
Relative Humidity	5% to 95% non-condensing	
Altitude	1% up 2000 m. Between 2000 m to 4000 m, according to GB/T3859.2,the power decreases by 1% for every additional 100 m.	
Color	Black or Customized Color	

➔ Static Var Generator - 690V/800V	
Rated Capacity	690V 120kvar & 800V 110kvar
Mouldle Size (Rack)	W540mm*D743mm*H250mm
Mouldle Size (Wall)	W504mm*D251mm*H769mm
Net Weight	64 kgs
Air Flow for Heat Dissipation	4x190CFM
Rated Voltage	690V(414V ~ 759V) / 800V(560V~880V)
Frequency	50Hz / 60Hz (Range: 45Hz - 62.5Hz)
Wiring Structure	3P4W / 3P3W
Harmonic Filtering	2nd ~ 13th
Reactive Power Compensation	Adjustable from -1 to +1
Unbalance Correction	100% imbalance correction
Protection Function	Over-voltage protection, under-voltage protection, short-circuit protection, inverter bridge inverse protection, over-compensation protection and so on
Current Transformer	50/5 ~ 6000/5
Harmonic Filter Rate	≥ 97%
Filter Performance	THDi<5%
Noise Level	<60dB (standard type) / No noise (Fanless type)
Response Time	50us
Full Response Time	<10ms
IGBT Switching Frequency	20kHz
Topology Design	3 level topology
Parallel Quantities	Unlimited
Communication Port	RS485 Communication & Optional Ethernet
Communication Protocol	Modbus Protocol & TCP/IP Protocol
Module Display Interface	4.3" Display (wall mounted)/ 7" or 10" Display (Multiple Rack mounted)
Mounting Type	Wall mounted/Rack mounted/Cabinet/Customized parallel
Monitoring	Independent monitoring and centralized monitoring
Standard Compliance	EN IEC 6100; EN IEC 62477
Protection Class	IP 20 -Standard type; IP51-Fully Sealed type; IP65-Outdoor Type
Operating Temperature	-10 ~ 45°C
Relative Humidity	5% to 95% non-condensing
Altitude	1% up 2000 m. Between 2000 m to 4000 m, according to GB/T3859.2,the power decreases by 1% for every additional 100 m.
Color	Black or Customized Color