

## PLASMA UNIT-LGK-631GBT



### Main technique parameter

	LGK-40IGBT	LGK-63IGBT
Rated input voltage	3~50Hz 380V	
Rated input capability	6KVA	9.9KVA
Open circuit voltage	222VDC	260VDC
Rated output current	40A	63A
Current adjusting range	20~40A	30~63A
Rated output voltage	96V	105.2V
Rated duty cycle	60%	60%
Insulation level	F	F
Quality cutting capability (	0.1~7mm	0.1~12mm
Max cutting capability (steel	12mm	20mm
Applying plasma air	Compressed air	Compressed air
Cooling model	Air-cooling	Air-cooling
Dimension(L×W×H)	585× 280× 485mm	
Weight	25Kg	26Kg
Shell shield rank	IP21S	

### Plasma gas conditions

- Work pressure range : 0.3MPa~0.5MPa
- Gas supply pipe voltage-withstand :  $\geq 1$ MPa
- Gas supply pipe internal dimension :  $\geq \Phi 8$
- Gas supply flux :  $\geq 40$ L/min
- Filter water from gas and then put it into cutter

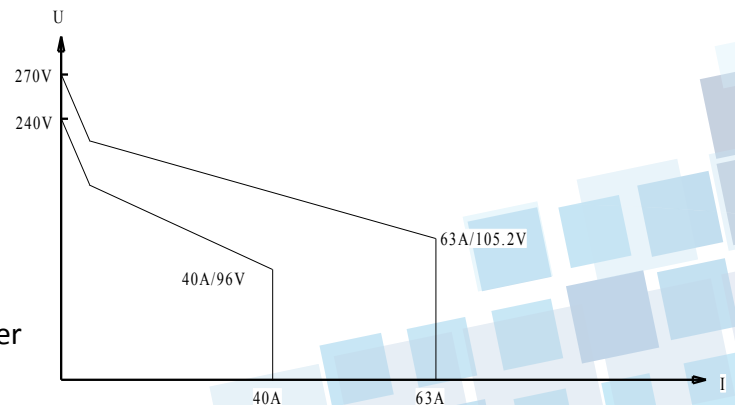


Figure 1 External characteristic