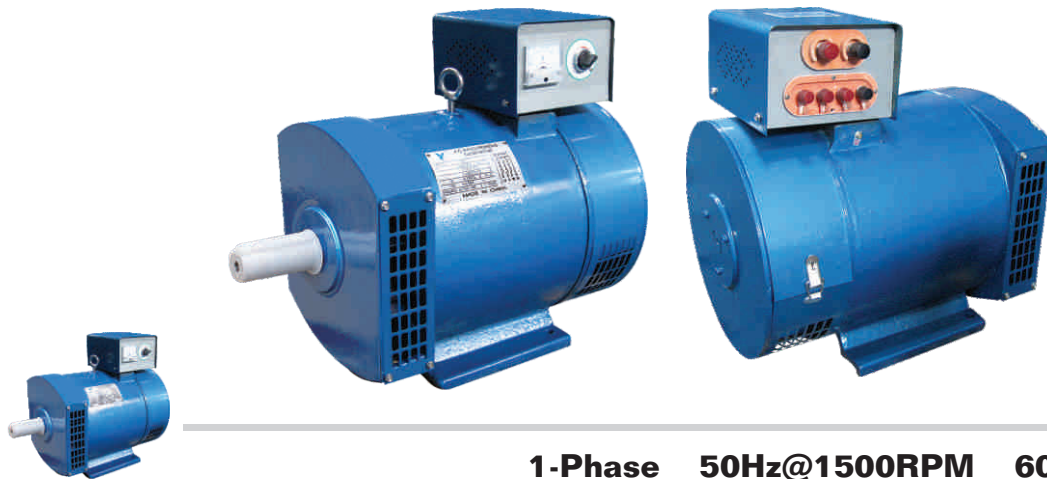




# SD/SDC series welding & generating Dual-use Alternator



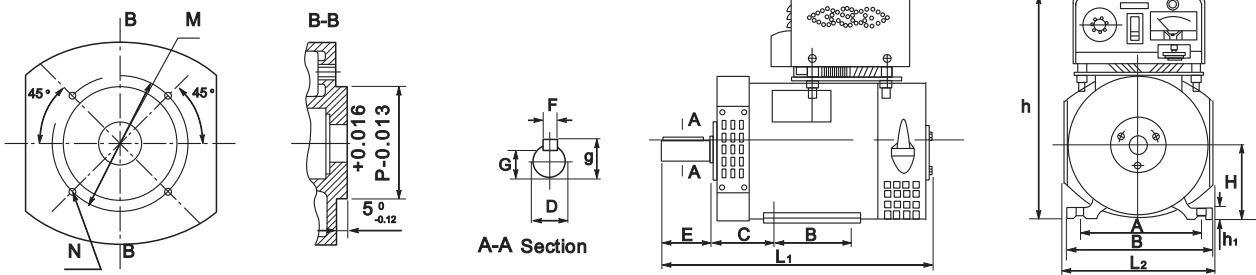
## 1-Phase 50Hz@1500RPM 60Hz@1800RPM

Model	Output	Volume	Voltage	Current	Welding Voltage Under Unload	Welding Current	Continuous rate under load	Current adjustment range for welding
Single-Phase 230V 50HZ 1500r/min COS $\theta = 1.0$								
SD-5	5kW	5kVA	230V	21.7A	<80V	160A	40%	70-120A
SD-7.5	7.5kW	7.5kVA	230V	32.6A	<80V	200A	40%	80-240A
SD-10	10kW	10kVA	230V	43.5A	<80V	230A	40%	100-300A
SD-12	12kW	12kVA	230V	52.2A	<80V	300A	40%	140-320A



## 3-Phase 50Hz@1500RPM 60Hz@1800RPM

Model	Output	Volume	Voltage	Current	Welding Voltage Under Unload	Welding Current	Continuous rate under load	Current adjustment range for welding
Three-Phase 400V 50HZ 1500r/min COS $\theta = 0.8$								
SDC-5	5kW	6.3kVA	400V	9A	<80V	140A	40%	60-160A
SDC-7.5	7.5kW	9.4kVA	400V	13.5A	<80V	180A	40%	70-200A
SDC-10	10kW	12.5kVA	400V	18.1A	<80V	225A	40%	80-280A
SDC-12	12kW	15kVA	400V	21.7A	<80V	280A	40%	100-300A



### Installation and overall dimension

Model Type	Installing dimensions(mm)									External dimensions(mm)							Weight
	A	B	C	D	E	F	G	H	K	a	b	h1	h	L1	L2	g	KGS
SD/SDC-5	254	254	108	38	80	10	33	160	15	50	310	25	440	580	325	40.8	120KGS
SD/SDC-7.5	254	254	108	38	80	10	33	160	15	50	310	25	440	580	325	40.8	130KGS
SD/SDC-10	279	203	121	42	110	12	37	180	15	60	339	25	480	610	365	44.8	140KGS
SD/SDC-12	279	203	121	42	110	12	37	180	15	60	339	25	480	610	365	44.8	155KGS

### Operating Conditions

Under the following environment, the generator could run continuously:

1. Altitude not exceed 1000m
2. Ambient temperature: -15°C — 40°C
3. Relative air humidity: not exceed 90%