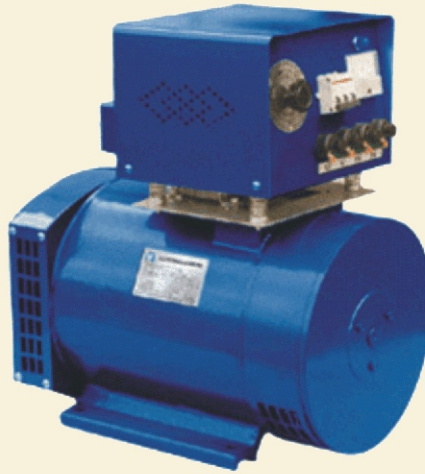


SD.SDC SERIES GENERATION&WELDING DUAL-USE ALTERNATOR



The requirements for environment:

1. Altitude: not exceed 1000m.
2. Cooling air temperature: 258~313K(-15 ~40℃).
3. Relative air humidity: not exceed 90%.

SDseries generating and welding dual use sets will be the best to be driven by an internal combustion engine, They can be used as mobile or stable power supply unit, which is suitable for using in town,countrysides,boats,workshop for lighting or welding purpose.This series alternat or can serve as lighting or as welding individually, further more, they can serve both as welding and as illumination simultaneously.

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Mounting Dimension

Type	Output (kw)	Mounting dimernsions (mm)										Overall dimensions (mm)					
		H	A	B	C	D	E	F	G	g	K	a	b	H 1	h	L 1	L 2
SD-5	5	160	254	254	108	38	80	10	33	40.8	15	50	310	25	440	560	325
SD-7.5	7.5	180	254	254	108	38	80	10	33	40.8	15	50	310	25	440	580	325
SDC-5	5	108	254	254	108	38	80	10	33	40.8	15	50	310	25	440	580	325
SD-10	10	180	279	203	121	42	110	12	37	44.8	15	60	339	25	480	610	365
SDC-7.5	7.5	180	279	203	121	42	110	12	37	44.8	15	60	339	25	480	610	365
SD-12	12	180	279	203	121	42	110	12	37	44.8	15	60	339	25	480	610	365
SDC-10	10	180	279	203	121	42	110	12	37	44.8	15	60	339	25	480	610	365
SDC-12	12	200	318	228	133	48	110	14	42.5	51.2	19	60	378	30	540	660	400

Technical Data

Single-Phase 230V 50HZ/1500r/min COSθ=1.0

Type	Rated output		Rated Voltage	Rated Current	Welding voltage under unload	Welding current	Continuous rate under load	Current adjustment range for welding
	KW	KVA	V	A	V	A	%	A
SD-5	5	5	230	21.7	<80	160	40	70-120
SD-7.5	7.5	7.5	230	32.6	<80	200	40	80-240
SD-10	10	10	230	43.5	<80	230	40	100-300
SD-12	12	10	230	52.2	<80	300	40	140-320

Three-Phase 400V 50HZ/1500r/min COSθ=0.8

SDC-5	5	6.3	400	9	<80	140	40	60-160
SDC-7.5	7.5	9.4	400	13.5	<80	180	40	70-200
SDC-10	10	12.5	400	18.1	<80	225	40	80-280
SDC12	12	15	400	21.7	<80	280	40	100-300