

# EW750DST

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MOVE FOR WELDING

**400 AmpX2 or 700 AmpX1**

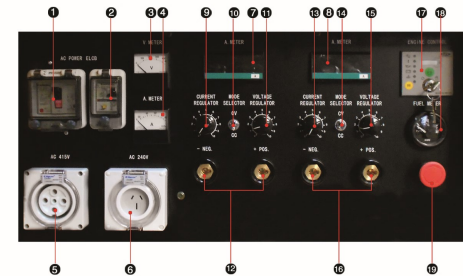
KOVO DIESEL ENGINE DRIVEN WELDER/GENERATOR  
SOUNDPROOF TYPE; CC/CV OUTPUT; 30 KVA POWER



- DC Stick (SMAW)
- MIG (GMAW)
- Air Carbon
- Air Cutting
- Arc Gouging(CAC-A)
- Flux Cored (FCAW)



## DIESEL ENGINE DRIVEN WELDER EW750DST



### SPECIFICATIONS

Model: EW750DST		Protect Class: IP23
Insulation Class: F		Noise Level:65dB(7m)
<b>DC WELDER (CC OUTPUT)</b>		
Rate Output	KW	13.4 × 2
Rated Amp.(Dual)	A	380 × 2
Rated Amp.(Single)	A	650
Rated Volt.	V	35.2
No-load Volt.	V	85
Duty Cycle	%	60
Current Range(Dual)	A	60~400
Current Range(Single)	A	60~700
<b>DC WELDER (CV OUTPUT)</b>		
Voltage Range	V	18-35
Rated Output	KW	11 × 2
Rated Amp.	A	350 × 2
Rated Volt.	V	31.5
Duty Cycle	%	80
Rate Output	KVA	30
Rated Volt.	V(AC)	120/220/380/415*
Rated Amp.	A	45
Phase	—	3-phase, 4-wire
Power factor	%	80
Frequency	Hz	50/60
Brushless	—	Yes
Driven	—	Direct Couple
<b>ENGINE</b>		
Name	—	DEUTZ TD226B
Type	—	4-stroke, 3-cylinder
Displacement	L	3.12
Rated Output	KW	45
Rated speed	rpm	1500/1800
Starter	—	Electric, 24V
Fuel	—	Light diesel
Coolant system	—	Water-cooled
<b>OTHERS</b>		
Fuel tank	L	79
Battery	—	(12V-100AH) × 2
Dimension	mm	2000 × 900 × 1000
Dry weight	KG	1200

\* Rated voltage for different country standards.  
 - Specifications and design are subject to change without notice.  
 - CV output optional.

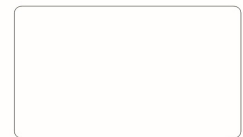
### A CLOSER LOOK

- ① ELCB (3-PHASE), AC POWER
- ② ELCB (1-PHASE), AC POWER
- ③ VOLTAGE METER, AC POWER
- ④ AMP. METER, AC POWER
- ⑤ RECEPTACLS (3-PHASE), AC POWER
- ⑥ RECEPTACLS (1-PHASE), AC POWER
- ⑦ DIGITAL AMP. METER (HOLDER LEFT), DC WELDING
- ⑧ DIGITAL AMP. METER (HOLDER RIGHT), DC WELDING
- ⑨ CURRENT REGULATOR (HOLDER LEFT)
- ⑩ CC/CV MODE SELECTOR (HOLDER LEFT)
- ⑪ VOLTAGE REGULATOR (HOLDER LEFT)
- ⑫ WELDING TERMINAL (HOLDER LEFT)
- ⑬ CURRENT REGULATOR (HOLDER RIGHT)
- ⑭ CC/CV MODE SELECTOR (HOLDER RIGHT)
- ⑮ VOLTAGE REGULATOR (HOLDER RIGHT)
- ⑯ WELDING TERMINAL (HOLDER RIGHT)
- ⑰ ENGINE CONTROL UNIT
- ⑱ FUEL GAUGES
- ⑲ EMERGENCY STOP

### FEATURES

- Versatile welding and cutting partner for heavy construction;
- CC/CV with remote control function;
- Low-maintenance, brushless welding alternator;
- Auto shutdown protection system;
- Direct coupling generating high-efficient power;
- Deutz engine for environment-friendly emissions;
- Low noise with 1500rpm and KOVO P-Noise solution;
- Simultaneous use of welder and AC power (30KVA);
- Single-side service for simple maintenance and check;
- Smooth and stable welding arc with range of electrode, cellulose-coating(E6010) or low-hydrogen;

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