

SPECIFICATION TABLE

Item	Model	DAW-180SS	DAW-300LS	TLW-230LS	DLW-300LS	DLW-300LSW2	DLW-400LSW
DC Welding Power							
Rated Output (kW)		4.5	8.7	5.6	7.90/8.74	Single 7.90/8.74 Dual 3.28x2/3.58x2	Single 12.9/13.9 Dual 5.07x2/5.42x2
Rated Current (A)		170	280	200	260/280	Single 260/280 Dual 130/140	Single 370/390 Dual 185/195
Rated Voltage (V)		26.8	31.2	28	30.4/31.2	Single 30.4/31.2 Dual 25.2/25.6	Single 34.8/35.6 Dual 27.4/27.8
Welding Current Range (A)		30 - 180	30 - 300 (2200 - 3000min ⁻¹)	50 - 230	30 - 280/30 - 300	Single 60 - 280/60 - 300 Dual 30 - 150/30 - 160	Single 60 - 380/60 - 400 Dual 30 - 190/30 - 200
Rated duty cycle (%)		50			100		
Applicable electrode (mm)		2.0 - 4.0	2.0 - 6.0	2.6 - 5.0	2.0 - 6.0	Single 2.0 - 6.0 Dual 2.0 - 3.2	Single 2.0 - 8.0 Dual 2.0 - 4.0

AC Power Source

Frequency (Hz)	50/60						
Rated Output (kVA)	3.0		5.0/5.5		10.4/11.4		15.0
Rated Voltage (V)	100/110/120/200/220/230/240			200/220/230/240 or 380/440			
No. of Phase	1-Phase, 2wire			3-Phase, 4wire			
Power Factor	1.0			0.8(Lagging)			

Diesel Engine

Model	Kubota Z402	Kubota D722-K3A	Kubota Z482-K3A	Yanmar 3-3TNM68G	Kubota D902-K3A	Kubota D1105-K3B
Type	4-cycle, vertical, water cooled with radiator					
Rated Output (kW)	7.28	11.7	9.6	12.5/15.0	14.9/17.8	17.8/20.7
Rated Speed (rpm)	3600	3000	3600	3000/3600		
Displacement (L)	0.4	0.719	0.479	0.784	0.898	1.123
Fuel	ASTM No.2 diesel fuel or equivalent					
Fuel consumption ¹ (L/h)	1.31	2.1	1.6	1.96/2.34	2.14/2.49	3.14/3.69
Fuel Tank Capacity (L)	15	19		36		42
Battery x Quantity	36B20Lx1	55B24Lx1	36B20Lx1	55B24Lx1		

Dimensions/Weight

Lengthx Widthx Height (mm)	990x590x750	1270x680x740	1220x610x720	1410x560x770	1410x560x770	1520x700x770
Dry Weight (kg)	181	300	285	379	375	471

Noise

7mdB (A) ²	65	64	60/63	63/65	66/68	64/67
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※1 The fuel consumptions herein are measured under the condition that welding load is a rated value and the duty cycle is fixed at 50%.

※2 The noise levels herein stated are the averaged value of the measured values of four directions of 7 meters length under non-loaded condition.

* When a welding machine and a generator are used simultaneously, please use them according to the instructions stipulated in the Operation Manual.



ISO 9001:2008 Certified
ISO 14001:2004

The specifications, appearance and/or coloring of the products may be subject to change without notice.

Due to printing conditions of this brochure, coloring of the products may not be same as printed herein.

Storage, transportation and usage of the products shall, at any time, be carried out in accordance with the Operation Manual.

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