

# AIR COOLED DIESEL WELDER-GENERATOR (MINI)



## APPLICATIONS

Suitable for welding works in confined areas due to its high manoeuvrability & its lightweight properties which can be easily carried by 2 persons

Model	YDW190N	
	Recoil	Dual Start
<b>ENGINE</b>		
Type	Single cylinder, vertical 4-cycle, air-cooled diesel engine	
Model	L100N6-GYW	L100N6-GEYW
Displacement (cc)	435	
Max. Output/Speed (kW(hp)/min <sup>-1</sup> (rpm))	7.4 (10)/3600	
Starting System	Recoil	Dual (Recoil/Electric)
Lubricant Capacity (Total Litres/Effective Litres)	1.65/0.6	
Emergency Stop (Oil Sensor)	13.5/13	
Slow-Down Device	-	Standard
Frequency Changeover Switch	-	Standard
<b>SET</b>		
Dimensions L x W x H (mm)	720x510x632	
Dry Weight (kg)	107	120

Model	YDW190N	
	Recoil	Dual Start
<b>WELDER</b>		
Type	Rectifier Type, DC Welder (w/ Brush)	
Rate Output (A)	4.37	
Current Range (A)	165	
Rated Voltage (V)	50 - 180	
Voltage at no-load (V)	26.5	
Rotation Speed (min <sup>-1</sup> (rpm))	45- 65	
Applicable Electrode (mm(in) $\varnothing$ )	3600	
Rotation Speed (min <sup>-1</sup> (rpm))	2.6 - 4.0 (0.10 - 0.16)	
Applicable Electrode (mm(in) $\varnothing$ )	50	
<b>AC GENERATOR</b>		
No. of Phase	Single	
Voltage (V)	200/220, 220/240	
Frequency (Hz)	50/60	
Rated Output (kW)	2.3/2.7	
Power Factor	1.0	