

# Welding Generators

**The Spitfire® portable welders from HGI are the ideal solution for mobile site repairs and welding maintenance.**

Construction sites, maintenance / repair, large scale fabrications often demand generator and welding power in locations where electrical outlets aren't available. In these instances, professionals turn to HGI Spitfire® welders. These "two-in-one" machines feature both a substantial welding capability along with auxiliary generator power to run tools and lights.

## **The difference**

AC and DC welding are both needed to accomplish certain tasks. DC welding generally has more advantages over AC welding but the most important thing for a welder to understand is how polarity works so that the welder can choose the proper electrode with the right polarity for the job.

Spitfire® AC welders deliver 6kVA (230V) of auxiliary power ideal for certain angle grinders however the operator will need to switch between welding and Auxiliary power.

Spitfire® DC welders will deliver at least 4kVa (230V) and give the ability to weld and use the auxiliary power at the same time. DC welding also offers advantages over AC for most Stick applications, including: easier starts; fewer arc outages; less spatter and better looking welds.

# NO NONSENSE POWER.



## Welding Generators (200 Amp to 250 Amp)

**Dual Voltage 110V / 230V**

POWERED by  
**HONDA** **VANGUARD**



MODEL	SWP200-AC	SWP200-DC	SWP250-DC Non EU Noise Compliant
<b>Output</b>			
Welding Output	200 Amp AC	200 Amp DC	250 Amp DC
Frequency	50Hz	50Hz	50Hz
Open Circuit Voltage	75 Volt	75 Volt	75 Volt
Welding Voltage	22 - 28 Volt	22 - 28 Volt	22 - 28 Volt
<b>Engine</b>			
Make / Model	Honda GX390	Honda GX390	Vanguard V-Twin 18hp
Starting System	Recoil (Electric Start Option)	Recoil (Electric Start Option)	Electric
Engine Speed	3000 rpm	3000 rpm	3000 rpm
<b>Alternator Model</b>	Sincro EW200AC 2 Pole, Brushless, Capacitor Controlled	Sincro EW200DC 2 Pole, Brushless, Capacitor Controlled	Sincro FW300TDC 2 Pole, Brushless, Capacitor Controlled
<b>Aux Output</b>	110V - 3.0kVA 230V - 6.0kVA	110V - 2.2kVA 230V - 4.0kVA	110V - 3.0kVA 230V - 6.0kVA
<b>Socket Config.</b>	1 x 16A 110V 1 x 16A 230V	1 x 16A 110V 1 x 16A 230V	1 x 16A 110V 1 x 16A 230V
<b>Fuel Tank Capacity</b>	6.5 Litres	6.5 Litres	8.5 Litres
Run Time @ 75% Load	3.0 Hrs	3.0 Hrs	3.5 Hrs
<b>Sound Level dB(A) @ 7 Mtrs</b>	72	72	78
<b>Dimensions &amp; Weights (L x W x H)</b>			
Frame	685 x 520 x 540 mm	685 x 520 x 540 mm	N/A
Dry Weight (Kg)	87.1Kg	87.1Kg	N/A
Trolley	1065 x 670 x 660 mm	1065 x 670 x 660 mm	1060 x 675 x 775 mm
Dry Weight (Kg)	103.5Kg	103.5Kg	150Kg
<i>Powder Coated Tubular Frames</i>			
<b>Welding - Duty Cycle</b>	200 Amp @ 35% 180 Amp @ 60%	200 Amp @ 35% 170 Amp @ 60%	250 Amp @ 35% 180 Amp @ 60%
<b>Welding Leads (Optional Extra - Chargeable)</b>	WL001 - 6 Metre - 25mm WL015 - 10 Metre - 25mm	WL004 - 6 Metre - 35mm WL002 - 10 Metre - 35mm	WL004 - 6 Metre - 35mm WL002 - 10 Metre - 35mm





# SWD180D-I | SWD300T-I

170 Amp

300 Amp



MODEL	SWD180D-I (Dual Volt)	SWD300T-I (Three Phase)
Welding Output	170 Amp DC	300 Amp DC
Frequency	50 Hz	50 Hz
Welding Current	40 x 170 Amp	30 x 300 Amp
Welding Voltage	20 - 27V (OCV 90)	31 - 32V (OCV 70)
Aux Output		
110V	4.0 kVA	4.0 kVA
230V	5.0 kVA	7.0 kVA
415V		8.0 kVA
Socket Config.		
110V	2 x 16 Amp	1 x 32 Amp
230V	1 x 16 Amp	1 x 32 Amp
415V		1 x 16 Amp
Engine	Yanmar L100N	Kubota D772
Speed	3000 rpm	3000 rpm
Cooling System	Air	Water
Fuel Tank Capacity	10.5 Litres	42.0 Litres
Run Time @ 75% Load	7.0 hrs	12.7 hrs
Sound Level @ 7m	72 dB(A)	69 dB(A)
Trolley (White)	Powder Coated, Anti-Vibration Mounts	Powder Coated, Anti-Vibration Mounts
Dimensions (L x W x H)	900 x 610 x 710mm	1385 x 660 x 915 mm
Dry Weight	175kg	400kg
Welding - Duty Cycle		
	170 Amp @ 35%	300 Amp @ 35%
	140 Amp @ 60%	270 Amp @ 60%

