Utilities (Gas & Water)

ECE3 (TIN12) Generators Overview

ECE3 (TIN12) generators are designed for operation with all Butt Fusion and Electrofusion equipment for the Gas & Water industries.

The generators are designed in partnership with the UK`s leading electrofusion welding unit manufacturers.

HGI Generators provide close voltage regulation, and low distortion waveform to work with the units embedded microprocessor technology which ensures that the correct power is applied to the electrofusion joint, giving the perfect weld. All our ECE3 (TIN12) generators are built to Gas Industry Standards and are CE marked.

Electrofusion Welding

Electrofusion welding is the process of joining two plastic pipes together using a single use coupler that has an integrated wire heating coil. The electrofusion control unit supplies electricity to this coil, heating it up and causing the plastic to melt. When this cools it forms a gas-tight joint.

NO NONSENSE POWER.

Utilities (Gas & Water) (2.4kW to 4.0kW)

ECE3 (TIN12) 110V CTE (55-0-55)

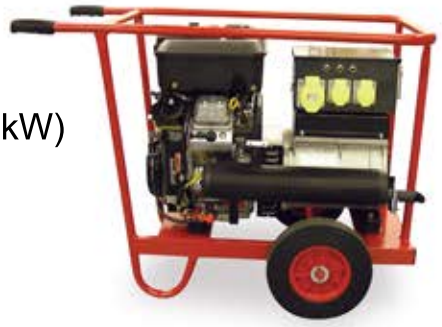
POWERED by HONDA

MODEL	HRP24-TIN12	HRP30-TIN12	HRP35-TIN12	HRP40-TIN12
Rated Output				
Output Power	2.4kW (3.0kVA)	3.0kW (3.75kVA)	3.5kW (4.4kVA)	4.0kW (5.0kVA)
Voltage	110V CTE (55-0-55)	110V CTE (55-0-55)	110V CTE (55-0-55)	110V CTE (55-0-55)
Frequency	50Hz	50Hz	50Hz	50Hz
Engine				
Make / Model	Honda GX200	Honda GX270	Honda GX270	Honda GX390
Starting System	Recoil	Recoil	Recoil	Recoil
Engine Speed	3000 rpm	3000 rpm	3000 rpm	3000 rpm
Alternator				
Model	Mecc Alte S16W-85/A CTE 2 Pole, Brushless, Capacitor Controlled	Mecc Alte S16W-105/A CTE 2 Pole, Brushless, Capacitor Controlled	Mecc Alte S16W-105/A CTE 2 Pole, Brushless, Capacitor Controlled	Mecc Alte S16W-130/A CTE 2 Pole, Brushless, Capacitor Controlled
Sockets	2 x 16A 110V	2 x 16A 110V 1 x 32A 110V	2 x 16A 110V 1 x 32A 110V	2 x 16A 110V 1 x 32A 110V
Fuel Tank				
Standard Fuel Tank				
Fuel Tank Capacity	3.6 Litres	6.0 Litres	6.0 Litres	6.5 Litres
Run Time @ 75% Load	3.77 Hrs	4.31 Hrs	4.31 Hrs	2.72 Hrs
Long Run Fuel Tank				
Fuel Tank Capacity	N/A	19.0 Litres	19.0 Litres	19.0 Litres
Run Time @ 75% Load	N/A	13.6 Hrs	13.6 Hrs	11.9 Hrs
Sound Level dB(A) @ 7 Mtrs	71	72	72	72
Dimensions & Weights (L x W x H)				
Standard Frame	600 x 411 x 445 mm	685 x 520 x 540 mm	685 x 520 x 540 mm	685 x 520 x 540 mm
Dry Weight (Kg)	37Kg	58.50Kg	58.50Kg	68.50Kg
Long Run Frame	N/A	845 x 520 x 560 mm	845 x 520 x 560 mm	845 x 520 x 560 mm
Dry Weight (Kg)		59.5Kg	59.5Kg	69.5Kg
Standard Trolley	N/A	818 x 630 x 690 mm	818 x 630 x 690 mm	818 x 630 x 690 mm
Dry Weight (kg)		68.50 kg	68.50 kg	78.50 kg
Long Run Trolley	N/A	971 x 640 x 710 mm	971 x 640 x 710 mm	971 x 640 x 710 mm
Dry weight (Kg)		69.5 Kg	69.5 Kg	79.5 Kg
Powder Coated Tubular Frames				

Utilities (Gas & Water) (5.0kW to 8.0kW)

ECE3 (TIN12) 110V CTE (55-0-55)

POWERED by HONDA



MODEL	HRP50-TIN12	HRP60-TIN12	VRP80-TIN12 Non EU Noise Compliant
Rated Output			
Output Power	5.0kW (6.25kVA)	6.0kW (7.5kVA)	8.0kW (10.0kVA)
Voltage	110V CTE (55-0-55)	110V CTE (55-0-55)	110V CTE (55-0-55)
Frequency	50Hz	50Hz	50Hz
Engine			
Make / Model	Honda GX390	Honda GX390	Vanguard V-Twin 18hp
Starting System	Recoil	Recoil	Electric
Engine Speed	3000 rpm	3000 rpm	3000 rpm
Alternator			
Model	Mecc Alte S20W-95/A CTE 2 Pole, Brushless, Capacitor Controlled	Mecc Alte S20W-110/A CTE 2 Pole, Brushless, Capacitor Controlled	Mecc Alte S20FS-160/A CTE 2 Pole, Brushless, Capacitor Controlled
Sockets	2 x 16A 110V 1 x 32A 110V	2 x 16A 110V 1 x 32A 110V 1 x 63A 110V	2 x 16A 110V 1 x 32A 110V 1 x 63A 110V
Fuel Tank			
Standard Fuel Tank			
Fuel Tank Capacity	6.5 Litres	6.5 Litres	8.5 Litres
Run Time @ 75% Load	2.72 Hrs	2.72 Hrs	2.8 Hrs
Long Run Fuel Tank			
Fuel Tank Capacity	19.0 Litres	19.0 Litres	N/A
Run Time @ 75% Load	8.0 Hrs	8.0 Hrs	
Sound Level dB(A) @ 7 Mtrs	71	72	72
Dimensions & Weights (L x W x H)			
Standard Frame	685 x 520 x 540 mm	685 x 520 x 560 mm	N/A
Dry Weight (Kg)	75Kg	79Kg	
Long Run Frame	845 x 520 x 560 mm	845 x 520 x 560 mm	N/A
Dry Weight (Kg)	76Kg	80Kg	
Standard Trolley	818 x 630 x 690 mm	971 x 640 x 710 mm	1055 x 675 x 755 mm
Dry Weight (kg)	85Kg	89Kg	125Kg
Long Run Trolley	971 x 640 x 710 mm	971 x 640 x 710 mm	N/A
Dry weight (Kg)	86Kg	90Kg	
Powder Coated Tubular Frames