

# GDW SERIES

## Diesel Welding Machine

# GENPOWER®

GENERATOR

## GDW 180 EC

STANDARD SPECIFICATIONS

### DIESEL ENGINE

- Type: Air cooled, 4- cycle Single cylinder (186 FAGE)
- Max. output power (Hp-3600 RPM): 10 Hp
- Direct injection
- Easy starting with decompression system
- Recoil hand start and electric start
- Low noise exhaust sytem (dBA @ 7m): 75
- Easy coupling power output shaft
- Lubricating oil capacity: 1.65 Lt.
- Low oil level alert and protection
- Sufficent capacity fuel tank (Lt): 16 Lt
- Low fuel consumption (g/kWh): 240
- Continious operating time (Hours): 8
- Environment friendly

### ARC WELDING GENERATOR

- Type: Single phase, AC/DC alternator
- Max. output current (A): Between 50 - 180
- Rated welding load continious efficiency ratio: % 60
- Rated welding working voltage (DCV): 25 - 30
- Rated welding current (A) at normal conditions: 160
- Electrode capacity (mm): 2.0 - 5.0
- Diode type AC/DC voltage rectification for arc welder
- Pure high efficiency arc welding
- Easy handling and work process

### AC GENERATOR

- Type: Single phase, welder alternator integrated alternator
- Max. output power (kVA): 3,5
- Rated output power (kVA): 2.8
- Rated continious output current (A) : 11
- Rated output voltage (ACV): 230
- Frequency (Hz): 50
- Speed: 3600 RPM
- Power factor (Cos.Fi): 1
- Also essential for emergency AC power supply

### OTHERS

- Widely used in different fields
- Spare parts and maintenance availability
- Can be used in different purposes as prime power pack
- Available in reasonable different dimensions for use



### WELDING MACHINE

Current Regulation Range	A	50 - 180
Welding Load Continuous Ratio	%	60
Rated Welding Work Voltage	DCV	25 - 30
Rated Current	A	160
Elektrode Capacity	mm	2.0 - 5

### GENERATOR

Maximum AC Output	kVA	3,5
Rated AC Output	kVA	2,8
Rated Current	A	11
AC Output Voltage	Volt	230
AC Frequency	Hz	50
Power Factor	Cos Q	1

### ENGINE

Model	186 FAGE
Type	Air Cooled - 4 Stroke Direct Injection - Single Cylinder
Displacement	cm3 418
Max.Power output	HP-3600 rpm 10
Fuel Tank Capacity	Lt 24
Fuel Consumption	gr/Kw-H 240
Starting System	Electric Start
Continuous operating hours	Hr 8 / 12
Oil Capacity	Lt 1,65
Noise Level	{Db(A) @ 7 mt.} 69

### OTHERS

Automatic Voltage Regulator	✓
Large Capacity Air Cleaner	✓
Large Capacity muffler	✓
Oil Alert	✓
Voltmeter	✓
AC Circuit Breaker	✓
Fuelmeter	✓
Battery	✓
4 whell dolly kit	✓
Dimensions LxWxH	mm 960x560x725
Dry Weight	Kg 178

TECHNICAL SPECIFICATIONS