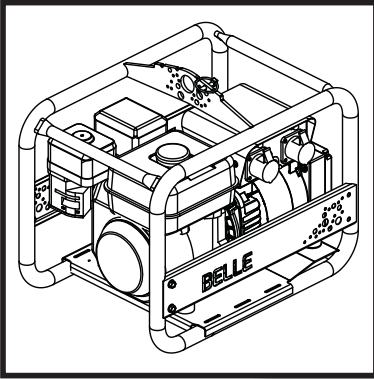




# BELLE GPX RANGE

870/50000/1  
05/18



**GB** Operators Manual

**4**

• Spare Parts Book

**20**

**EC DECLARATION OF CONFORMITY / DECLARATION CE DE CONFORMITE / DECLARACIÓN DE CONFORMIDAD CE / DECLARAÇÃO CE DE CONFORMIDADE / EG-VERKLARING VAN OVEREENSTEMMING / EF OVERENSSTEMMELSESRKLÆRING**



We, **Belle Group Sheen UK, Sheen, Nr Buxton, Derbyshire, SK17 0EU, GB**, hereby certify that if the product described within this certificate is bought from an authorised Belle Group dealer within the EEC, it conforms to the following EEC directives: 2006/42/CE (This directive replaces directive 98/37/EC), Electromagnetic Compatibility Directive 2004/108/CE (as amended by 89/336/EEC, 92/31/EEC & 93/68 EEC). The Waste Electrical and Electronic Equipment (WEEE) 2002/96/CE, the low voltage directive 2006/95/CE, BS EN ISO 12100-1:2003 Safety of machinery and associated harmonised standards, where applicable. Noise emissions conform to directives 2000/14/EC Annex VI & 2005/88/EC, for machines under article 12 the notified body is **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Noise Technical files are held by Ray Neilson at the Belle group Head Office address which is stated above.*



Nous soussignés, **Belle Group Sheen UK, Sheen, Nr Buxton, Derbyshire, SK17 0EU, GB**, certifions que si le produit décrit dans ce certificat est acheté chez un distributeur autorisé Belle Group au sein de la CEE, il est conforme aux normes CEE ci-après: 2006/42/CE (Cette norme remplace la norme 98/37/CE), Norme compatible pour l'électromagnétisme 2004/108/CE (modifié par 89/336/EEC, 92/31/EEC & 93/68 EEC). Les déchets électriques, et d'équipement électronique 2002/96/CE, caractéristiques basse tension 2006/95/CE, BS EN ISO 12100-1:2003 Norme de sécurité des machines et des critères associés et configurés, si applicable. Les émissions de bruit sont conformes à la directive 2000/14/EC Annexe VI et 2005/88/EC pour machines, article 12, l'objet mentionné est **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Bruit des fichiers techniques sont détenues par Ray Neilson à l'adresse du groupe Belle Siège qui est indiqué ci-dessus.*



La Sociedad, **Belle Group Sheen UK, Sheen, Nr Buxton, Derbyshire, SK 17 0EU, GB**, por el presente documento certifica que si el producto descrito en este certificado es comprado a un distribuidor autorizado de Belle Group en la CEE, este es conforme a las siguientes directivas: 2006/42/CE de la CEE (Esta directiva sustituye a la Directiva 98/37/CE), Directiva 2004/108/CE sobre Compatibilidad Electromagnética (según enmiendas 89/336/EEC, 92/31/EEC & 93/68 EEC). Los residuos eléctricos y electrónicos (RAEE) 2002/96/CE, Directiva sobre Bajo Voltaje 2006/95/CE, BS EN ISO 12100-1:2003 de Seguridad de Maquinaria y Niveles armonizados estándares asociados donde sean aplicables. Emisión de Ruidos conforme a la Directiva 2000/14/CE Anexo VI y 2005/88/EC para máquinas bajo artículo 12 la mencionada unidad está **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Archivos de ruido técnicos están en manos de Ray Neilson en la dirección del grupo Belle Sede de la que se ha dicho.*



O signatário, **Belle Group Sheen UK, Sheen, Nr Buxton, Derbyshire, SK 0EU, GB**, pelo presente, declara que se o produto descrito neste certificado foi adquirido a um distribuidor autorizado do Belle Group em qualquer país da UE, está em conformidade com o estabelecido nas seguintes diretivas comunitárias: 2006/42/CE (Esta directiva substitui a Directiva 98/37/CE), Directiva de Compatibilidade Electromagnética 2004/108/CE (conforme corrigido pelas 89/336/EEC, 92/31/EEC & 93/68 EEC). O Eléctrico de Desperdiço e Equipamento Eléctrico (DEEE) 2002/96/CE, a directiva de baixa voltagem 2006/95/CE, BS EN ISO 12100-1:2003 Segurança da maquinaria e às normas harmonizadas afins se aplicáveis. As emissões de ruído respeitam e estão dentro das directivas para máquinas 2000/14/CE Anexo VI & 2005/88/EC, artigo 12, sendo o organismo notificado **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Arquivos de ruído técnicos são detidos por Ray Neilson no endereço Escritório Belle grupo Cabeça que é dito acima.*

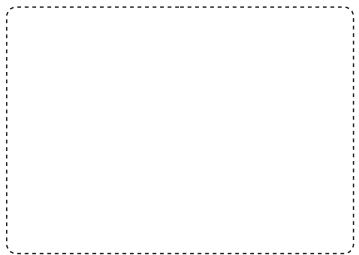


Ondergetekende, **Belle Group Sheen UK, Sheen, Nr Buxton, Derbyshire, SK17 0EU, GB**, verklaren hierbij dat als het product zoals beschreven in dit certificaat is gekocht van een erkende Belle Group dealer binnen de EEG, het voldoet aan de volgende EEG richtlijnen: 2006/42/CE (Deze richtlijn vervangt Richtlijn 98/37/EC), Electromagnetische Compatibiliteit Richtlijn 2004/108/CE (geamendeerd door 89/336/EEC, 92/31/EEC & 93/68 EEC). De afgedakte elektrische en elektronische apparatuur (AEEA) 2002/96/CE, de Laagspannings Richtlijn 2006/95/CE, BS EN ISO 12100-1:2003 Veiligheid van Machines en hieraan gekoppelde geharmoniseerde Standaarden, waar deze van toepassing is. Geluidshinder te voldoen aan de richtlijnen 2000/14/EG en 2005/88/EG bijlage VI, voor toestel onder stuk 12 naar de notified troep zit **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Lawaai Technische dossiers zijn in handen van Ray Neilson op de Belle groep hoofdkantoor adres, dat staat boven*



Vi, **Belle Group Sheen UK, Sheen, Nr Buxton, Derbyshire, SK17 0EU, GB**, erklærer hermed, at hvis det i dette certifikat beskrevne produkt er købt hos en autoriseret Belle Group forhandler i EU, er det i overensstemmelse med følgende EØF-direktiver: 2006/42/CE (Dette direktiv erstatter direktiv 98/37/EF), 2004/108/EØF (som ændret ved 89/336/EEC, 92/31/EEC & 93/68 EØF), Afald af elektrisk og elektronisk udstyr (WEEE) 2002/96/CE, lavspændingsdirektivet 2006/95/CE, BS EN ISO 12100-1:2003 Maskinsikkerhed og tilhørende harmoniserede standarder, hvor det er relevant. Støjemission i overensstemmelse med direktiverne 2000/14/EF bilag VI og 2005/88/EF, for maskiner under paragraf 12. Det bemyndigede organ er **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, Storbritanien**.  
*Støj Tekniske filer er i besiddelse af Ray Neilson på Belle-gruppens hovedkontoret adresse, som er nævnt ovenfor*

PRODUCT TYPE .....	TYPE DE PRODUIT.....	TIPO DE PRODUCTO .....
MODEL .....	MODELE .....	MODELO .....
SERIAL No.....	N° DE SERIE .....	N° DE SERIE .....
DATE OF MANUFACTURE.....	DATE DE FABRICATION .....	FECHA DE FABRICACIÓN.....
SOUND POWER LEVEL MEASURED / .....	NIVEAU DE PUISSANCE SONORE MESUREE / .....	NIVEL DE POTENCIA ACÚSTICA MEDIDO / .....
.....(GUARANTEED)	.....(GARANTIE)	.....(GARANTIZADO)
WEIGHT .....	POIDS .....	PESO .....
TIPO DE PRODUCTO.....	PRODUCTYTYPE.....	PRODUKTTYPE.....
MODELO.....	MODEL.....	MODEL.....
NO. DE SERIE.....	SERIENUMMER.....	SERIENR.....
DATA DE FABRIC.....	FABRICAGEDATUM.....	FREMSTILLINGSDATO.....
NIVEL DE POTENCIA DE SOM MEDIDO / .....	GEMETEN GELUIDSSTERKTE NIVEAU / .....	LYEFFEKT NIVEAU MÅLT / .....
.....(GARANTIDO)	.....(EGARANDEERD)	.....(GARANTERET)
PESO.....	GEWICHT.....	VÆGT.....



Signed by:  
Signature:  
Medido por:  
Assinado por:  
Getekend door:  
Underskrevet af:  
  
**Ray Neilson**

**Managing Director - On behalf of BELLE GROUP (SHEEN) UK.**  
**Le Directeur Général - Pour le compte de la SOCIETE BELLE GROUP (SHEEN) UK.**  
**Director Gerente - En nombre de BELLE GROUP (SHEEN) UK.**  
**Director-Geral - Em nome de BELLE GROUP (SHEEN) UK.**  
**Algemeen Directeur - Namens BELLE GROUP (SHEEN) UK.**  
**Administrerende direktør - På vegne af BELLE GROUP (SHEEN) UK.**

**Place of Declaration - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK**  
**Lieu de déclaration - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK**  
**Declaración hecha en - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK**  
**Lugar de Declaração - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK**  
**Plaats van de Verklaring - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK**  
**Sted i erklæring - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK**

**Date of Declaration - 2017.....**  
**Date de déclaration - 2017.....**  
**Fecha de la declaración - 2017.....**  
**Data da Declaração - 2017.....**  
**Datum van de verklaring - 2017.....**  
**Dato for erklæringen - 2017.....**

**EGKONFORMITÄTSEKTLÄRNING / DICHIARAZIONE CE DI CONFORMITÀ / EG-VERKLARING VAN  
OVEREENSTEMMING / EC SAMSVARSERKLÆRING / EY-YHDENMUKAISUUSILMOITUS /  
DEKLARACJA ZGODNOSCI Z PRZEPISAMI UE**

**(D)** Wir, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, bestätige hiermit, dass, wenn das Produkt innerhalb dieser Bescheinigung ist von einem gekauft zugelassen Belle Group-Händler innerhalb der EWG, so entspricht sie den folgenden EG-Richtlinien: 2006/42/CE (Diese Richtlinie ersetzt die Richtlinie 98/37/EG), elektromagnetische Kompatibilität Richtlinie 2004/108/EG (geändert durch 89/336/EEG, 92/31/EWG und 93/68 EWG), Die Elektro- und Elektronik-Altgeräte (WEEE) 2002/96/CE, der Niederspannungs-Richtlinie 2006/95/CE, BS EN ISO 12100-1:2003 Sicherheit von Maschinen und der damit verbundenen harmonisierten Normen, sofern zutreffend. Geräuschemissionen entsprechen der Richtlinie 2000/14/EG Anhang VI und 2005/88/EG, für Maschinen gemäß Artikel 12 der benannten Stelle ist **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Lärm Technische Dateien werden von Ray Neilson im Belle Group Head Office Adresse, die oben angegeben statt.*

**(I)** Il Gruppo Belle Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB, certifica che, se il prodotto descritto nel presente certificato viene acquistato da un rivenditore autorizzato Belle gruppo all'interno della CEE, e conforme alle seguenti direttive CEE: 2006/42/CE (presente direttiva sostituisce la direttiva 98/37/CE), elettromagnetica compatibilità con la direttiva 2004/108/CE (modificata dalla 89/336/CEE, 92/31/CEE e 93/68 CEE). L'Elettro di Spreco e l'Apparecchiatura Elettronica (WEEE) 2002/96/CE, la direttiva bassa tensione 2006/95/CE, BS EN ISO 12100-1:2003 Sicurezza del macchinario e le relative norme armonizzate, se del caso. Emissioni sonore conformi alla direttiva 2000/14/CE, allegato VI e 2005/88/EG, per le macchine a norma dell'articolo 12, l'organismo notificato **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*File rumore tecnici sono tenuti da Ray Neilson all'indirizzo dell'Ufficio gruppo Belle Sede che è riportata sopra.*

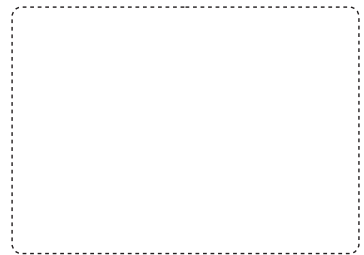
**(S)** Underteknede, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, Storbritannien**, intygar härmed att om den produkt som beskrivs i detta intyg är köpt från en auktoriserad Belle-återförsäljare inom EEG, överensstämmer med följande EEG-direktiv: 2006/42/CE (Detta direktiv ersätter direktiv 98/37/EG), Elektromagnetisk kompatibilitet 2004/108/CE (ändrad genom direktiv 89/336/EEG, 92/31/EEG och 93/68 EEC), Avfallat Elektrisk och Elektronisk Utstyr (WEEE) 2002/96/CE, lågsämningsdirektiv 2006/95/CE, BS EN ISO 12100-1:2003 Maskinsäkerhet och tillhörande harmoniserade standarder, i förekommande fall. Buller följa direktiv 2000/14/EG bilaga VI och 2005/88/EG till maskiner enligt artikel 12 anmälda organet är **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, Storbritannien**.  
*Buller Tekniska filer innehas av Ray Neilson på Belle Group Huvudkontor adress som anges ovan.*

**(NO)** Vi, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, herved bekrefter at hvis produktet er beskrevet i dette sertifikatet er kjøpt fra en autoriseret Belle Group forhandler innenfor EØS, følger det med til følgende EEC direktiver: 2006/42/CE (Dette direktivet erstatter direktiv 98/37/EF), Det elektromagnetisk kompatibilitets-direktiv 2004/108/CE (endret ved 89/336/EEC, 92/31/EEC og 93/68 EEC), Avfallat Elektrisk og Elektronisk Utstyr (WEEE) 2002/96/CE, Lavspenningsdirektiv 2006/95/CE, BS EN ISO 12100-1:2003 Sikkerhet av maskiner og tilhørende harmoniserte standarder, der dette er aktuelt. Lydeffekt samsvar med direktiv 2000/14/EC vedlegg VI og 2005/88/EG, for maskiner i henhold til artikkel 12 i meldte organ er **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Støy Tekniske filene holdes av Ray Neilson på Belle gruppen hovedkontor adresse som er angitt ovenfor.*

**(SF)** Me, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, todistaa, että jos tuote on kuvattu tämän todistuksen ostetaan valtuutetun Belle jälleenmyyjä ETY:n sisällä, se täyttää seuraavat EY-direktiivihin: 2006/42/EY (tällä direktiivillä korvataan direktiivi 98/37/EY), sähkömagneettinen yhteensopivuutta direktiivin 2004/108/CE (muutettuna 89/336/EY, 92/31/EY ja 93/68 EY). Tuuhia Sähkö ja Sähköinen Varusteet (WEEE) 2002/96/CE, the matalajännittdirektiivistä 2006/95/CE, sFS-EN ISO 12100-1:2003 Koneeturvallisuus ja niihin liittyvien yhdenmukaistettujen standardien tarvitessa. Melupäästöjä täyttävät direktiivin 2000/14/EY liitteessä VI ja 2005/88/EG, koneiden 12 artiklan mukaisesti ilmoitetun laitoksen on **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, GB**.  
*Noise Tekniset tiedostot hallussa Ray Neilson at Belle pääkonttori osoite, joka on edellä.*

**(PL)** My, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, Wielka Brytania**, niniejszym poświadczamy, iż produkt opisany w tym świadectwie został zakupiony od autoryzowanej Belle Group w UE i jest zgodny z następującymi dyrektywami UE: 2006/42/EY (Niniejsza dyrektywa zastępuje dyrektywę 98/37/EC), Dyrektywa zgodności elektromagnetycznej 2004/108/CE (z poprawkami wniesionymi przez 89/336/EEC, 92/31/EEC & 93/68 EEC), Utylizacja sprzętu elektrycznego i elektronicznego 2002/96/CE, dyrektywę w sprawie niskich napięć 2006/95/CE, BS EN ISO 12100-1:2003 Bezpieczeństwo maszyn i związane normy harmonizacyjne, tam gdzie to ma zastosowanie. Poziom halasu jest zgodny z Dyrektywą 2000/14/EC Załącznik VI i 2005/88/EG, organizacja zawiadaniama (odnośnie zgodności) to **AVT Reliability, Unit 2 Easter Court, Europa Boulevard, Warrington, Cheshire, WA5 7ZB, Wielka Brytania**.  
*Hałas techniczne pliki są przechowywane przez Ray Neilsonem na grupy głowy Belle adres Biura zamieszczonego powyżej.*

PRODUKTYP.....	TIPO PRODOTTO .....	PRODUKTYP.....
MODELL .....	MODELLO .....	MODELL.....
SERIENNR.....	SERIE N° .....	SERIE NR.....
HERSTELLUNGSDATU .....	DATA DI FABBRICAZIONE.....	TILLVERKNINGSDATUM.....
SCHALLLEISTUNGSPEGEL GEMESSEN / .....	LIVELLO POTENZA SONORA MISURATA / .....	LJUDSTYRKA UPPMÄTT / .....
.....(GARANTIERT)	.....(GARANTITA)	.....(GARANTERAD)
GEWICHT.....	PESO .....	VIKT.....
PRODUKTYP.....	TUOTETYYPI .....	TYP PRODUKTU.....
MODELL .....	MALLI .....	MODEL .....
SERIE NR.....	VALMISTUSNRO .....	Nr SERII.....
PRODUKSJONS DATO .....	VALMISTUSPÄIVÄ .....	DATAPRODUKCI .....
ÄLYDKRAFTIVÄ MÅLT / .....	ÄNENVOIMAKUUDEN TASO MITATTU / .....	POZIOM MOCY DŹWIĘKU ZMIERZONY / .....
.....(GARANTERT)	.....(TAATTU)	.....(GWARANTOWANY)
VEKT.....	MASSA .....	WAGA .....



Unterzeichnet von:  
Firmato da:  
Underteknat:  
Signatur:  
Allekirjoitus:  
Podpisal:  
  
**Ray Neilson**

**Generalidirektor – Im auftrag von BELLE GROUP (SHEEN) UK.**  
**Amministratore Delegato – Per conto di BELLE GROUP (SHEEN) UK.**  
**V.D. – På vägnar av BELLE GROUP (SHEEN) UK.**  
**Managing Director – På vegne av SOCIETE BELLE GROUP (SHEEN) UK.**  
**Toimitusjohtaja - BELLE GROUP (SHEEN) UK: n puolesta.**  
**Dyrektor Zarządzający – w imieniu BELLE GROUP (SHEEN) UK**

<b>Erklärungsart</b> - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK	<b>Erklärungsdatum</b> - 2017.....
<b>Luogo de dichiarazione</b> - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK	<b>Data de dichiarazione</b> - 2017.....
<b>Plats av Förklaring</b> - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK	<b>Datum av Förklaring</b> - 2017.....
<b>Sted av Erklæring</b> - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK	<b>Dato av Erklæring</b> - 2017.....
<b>Julistuksen paikka</b> - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK	<b>Juulistuksen päivämäärä</b> - 2017.....
<b>Miejsce deklaracji</b> - Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK	<b>Data deklaracji</b> - 2017.....



# How To Use This Manual

This manual has been written to help you operate and service the Generator safely. This manual is intended for dealers and operators of the Generator.

## Foreword

The **'Machine Description'** section helps you to familiarise yourself with the machine's layout and controls.

The **'Environment'** section gives instructions on how to handle the recycling of discarded apparatus in an environmentally friendly way.

The **'General Safety'** and **'Health and Safety'** sections explain how to use the machine to ensure your safety and the safety of the general public.

The **'Start and Stop Procedure'** helps you with starting and stopping the machine.

The **'Servicing'** section is to help you with the general maintenance and servicing of your machine.

The **'Trouble Shooting Guide'** helps you if you have a problem with your machine.

The **'Warranty'** Section details the nature of the warranty cover and the claims procedure.

The **'CE certificate'** section shows the standards that the machine has been built to.

## Directives with regard to the notations.

Text in this manual to which special attention must be paid are shown in the following way:



### CAUTION

*The product can be at risk. The machine or yourself can be damaged or injured if procedures are not carried out in the correct way.*



### WARNING

*The life of the operator can be at risk.*



## WARNING



### WARNING

*Before you operate or carry out any maintenance on this machine **YOU MUST READ** and **STUDY** this manual.*

**KNOW** how to safely use the unit's controls and what you must do for safe maintenance. (NB Be sure that you know how to switch the machine off before you switch on, in case you get into difficulty.)

**ALWAYS** wear or use the proper safety items required for your personal protection. If you have **ANY QUESTIONS** about the safe use or maintenance of this unit, ASK YOUR SUPERVISOR OR CONTACT: **Altrad Belle (UK): +44 (0) 1298 84606**



## Contents

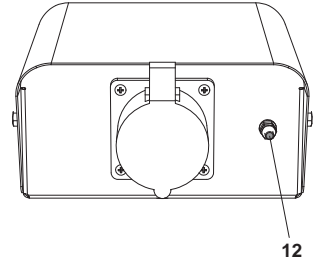
How to use this manual .....	4
Warning .....	4
Machine Description .....	5
Technical Data .....	6
Environment .....	6
Decals.....	7
General Safety .....	8
Operating Instructions .....	9 - 10
Estimating Power Consumption .....	11 - 12
Servicing .....	13
Maintenance Schedule.....	13
Troubleshooting Guide .....	14
Fault Finding for Alternators.....	14
Alternator Specifications.....	15
Circuit Breaker Specifications .....	15
Capacitor Chart .....	15
Wiring Diagrams.....	16 - 17
Warranty .....	18
C.E. Certificate .....	2

*Altrad Belle reserves the right to change machine specification without prior notice or obligation.*

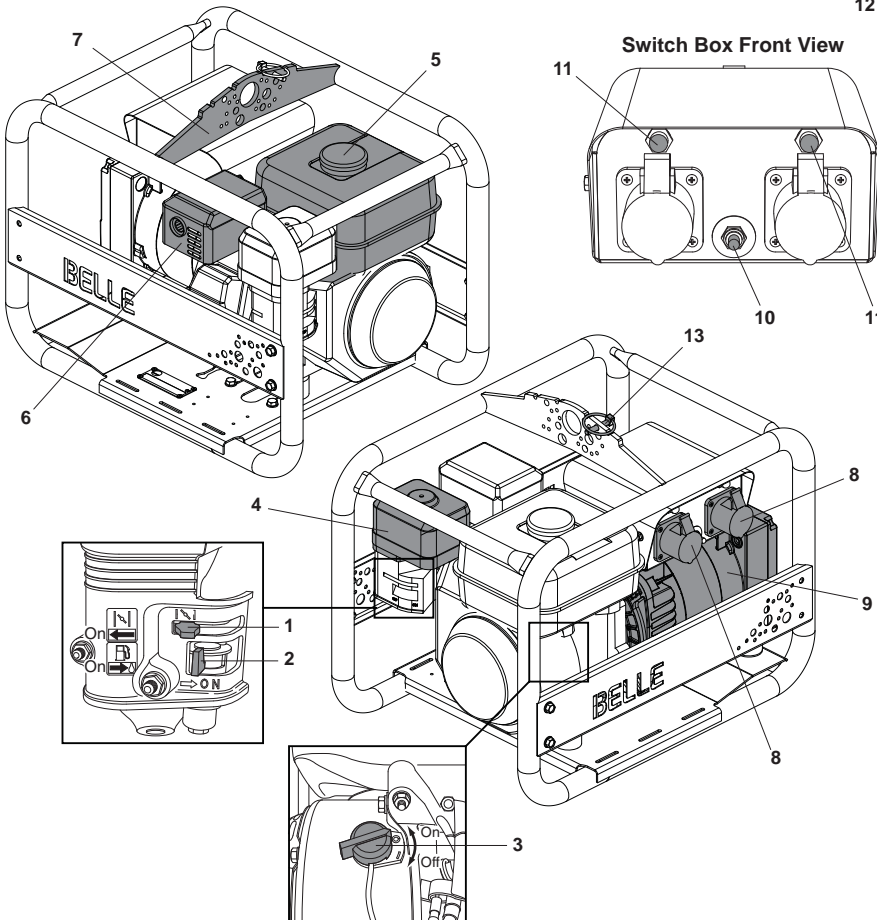
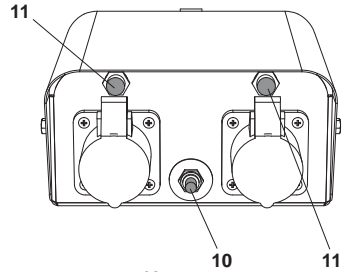
1. Choke lever.
2. Fuel ON / OFF lever.
3. Engine ON / OFF switch.
4. Air Filter Housing.
5. Fuel Tank.
6. Exhaust.
7. Lifting Point.
8. Socket.
9. Alternator.
10. Voltage Switch
11. Circuit Breaker.
12. Earth
13. Securing Pin (for use when stacking machines)

(Diagram based on the GPX 3400 Generator)

**Switch Box Rear View**

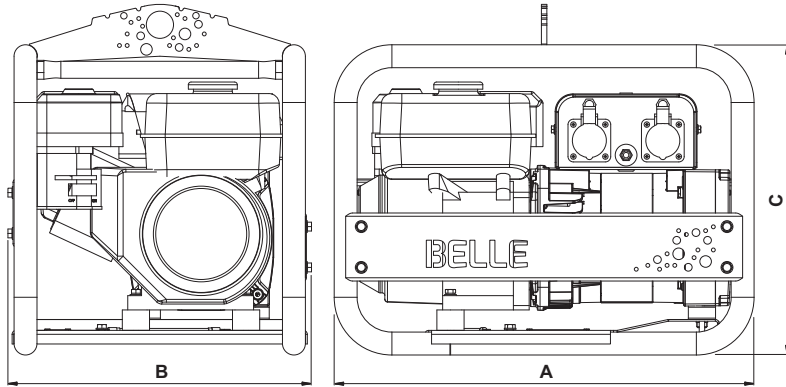


**Switch Box Front View**





# Technical Data



Model	GPX 2700	GPX 3400	GPX 5000	GPX 5000W	GPX 2700 CTE	GPX 3400 CTE	GPX 5000 CTE	GPX 5000W CTE
A - Overall Length (mm)	618	618	728	778	618	618	728	778
B - Overall Width (mm)	432	432	512	552	432	432	512	552
C - Overall Height (mm)	515	515	595	661	515	515	595	661
Weight (Kg)	46	47	64	79	46	47	64	79
Rating @0.8 p/f (kVA)	2.7	3.4	5.0	5.0	2.7	3.4	5.0	5.0
PRP Rating (kW)	2.2	2.7	4.0	4.0	2.2	2.7	4.0	4.0
COP Rating (kW)	2.0	2.5	3.6	3.6	2.0	2.5	3.6	3.6
Engine Power @3000rpm (kW/Hp)	4.3/3.3	4.3/3.3	6.2/4.6	6.2/4.6	4.3/3.3	4.3/3.3	6.2/4.6	6.2/4.6
Alternator	NSM K100 Range							
Frequency (Hz)	50	50	50	50	50	50	50	50
Phase	1	1	1	1	1	1	1	1
Maximum Current @ 110v	20.00	24.5	36.4	36.4	N/A	N/A	N/A	N/A
Maximum Current @ 230V	9.57	11.7	17.4	17.4	N/A	N/A	N/A	N/A
Maximum Current @ 110v (55v/55v)	N/A	N/A	N/A	N/A	20.00	24.5	36.4	36.4
Fuel Tank Capacity (Ltr)	3.1	3.1	5.6	5.6	3.1	3.1	5.6	5.6
Running hours at @ 90% of COP (Hrs)	2.5	2.3	2.8	2.8	2.5	2.3	2.8	2.8
No. of 110v 16 amp sockets	1	1	2	2	2	2	2	2
No. of 230v 16 amp sockets	1	1	1	1	-	-	-	-
No. of 110v 32 amp sockets	-	1	1	1	-	1	1	1
Sound Power Level LWA	95	95	96	96	95	95	96	96

All our generator ratings are based on a fully run in engine.



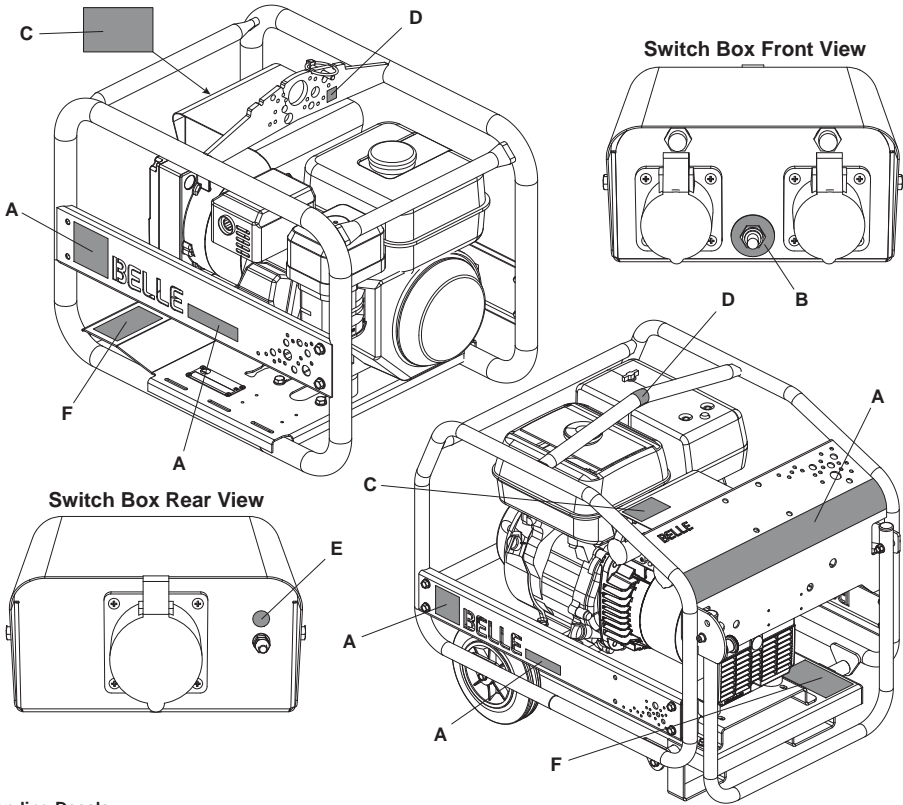
## Environment

### Safe Disposal.



Instructions for the protection of the environment. The machine contains valuable materials. Take the discarded apparatus and accessories to the relevant recycling facilities.

Component	Material
Main Frame	Steel
Chassis	Steel
Engine	Aluminium
Flexible Mounts	Steel and Rubber
Various Parts	Steel and Aluminium



**A - Branding Decals**

Decals to identify the make and model of the machine.

**B - Voltage Switch Indicator Decal**

Decal to identify what voltage is selected.

**C - Rating Decal**

Decal to include main Technica Data, including Noise Level.

**D - Lifting Point Decal**

Identifies the Lifting Point.

**E - Earth Decal**

Identifies the position of the Earth point.

**F - Safety Decal**

General safety instructions for operating the machine.



**Please Read  
Operators Manual**



**Wear Protective  
Footwear**



**Wear Ear  
Protection**



**Wear Eye  
Protection**

For your own personal protection and for the safety of those around you, please read and ensure you fully understand the following safety information. It is the responsibility of the operator to ensure that he/she fully understands how to operate this equipment safely. If you are unsure about the safe and correct use of the Generator, consult your supervisor or Altrad Belle.

#### BEFORE STARTING THE GENERATOR



#### CAUTION

*Improper maintenance or use can be hazardous. Read and Understand this section before you perform any maintenance, service or repairs.*

- Suitable clothing as follows should meet relevant EEC/local standards: overalls, work boots and ear defenders.
- Become familiar with the controls before operating the machine.
- Place the generator on firm/level ground.
- Place the generator at least 1 metre away from buildings and other equipment during operation.
- The generator should be sheltered from the rain and water.
- Refuel in a well ventilated area with the engine switched off. Check for spilled fuel or leaks.
- Ensure all covers are fitted.
- Ensure that extension cables are carefully laid out avoiding liquids, sharp edges and places where vehicles might run over. Unroll it fully or it could catch fire.
- Replace any worn/damaged decals.
- Remove all packaging material before operating.

#### WHEN OPERATING THE GENERATOR

- Keep children and pets away from the generator.
- **DO NOT** run the generator in an enclosed area.
- Exhaust gases contain poisonous carbon monoxide.
- Adequate ventilation must be provided, to avoid serious overheating and subsequent damage to the windings.
- **DO NOT** operate the generator with wet hands, it is a potential source of electric shock.
- **DO NOT** operate the generator without correct instructions.
- **DO NOT** attempt to operate the generator in the snow and rain and do not let it get wet.
- **DO NOT** directly connect the generator to the domestic power sockets.
- **BEWARE** of hot surfaces.



#### CAUTION

*Fuel is flammable. It may cause injury and property damage. Shut down the engine, extinguish all open flames and do not smoke while filling the fuel tank. Always wipe up any spilled fuel.*

- Before refuelling, switch off the engine and allow it to cool.
- When refuelling, **DO NOT** smoke or allow naked flames in the area.
- Spilt fuel must be made safe immediately, using sand. If fuel is spilt on your clothes, change them.
- Store fuel in an approved, purpose made container away from heat and ignition sources.

#### SAFETY AND ACCIDENT PROTECTION

##### Operating Instructions:

All persons who apply, assemble, operate, start, control, maintain or repair this machine must read and understand these operating instructions.

##### Owner Responsibility:

The owner must ensure that only qualified persons operate, maintain, or repair this machine.

##### Storage:

When not in use, store in a dry, locked place. Keep away from children.

##### Operation for the Intended Purpose:

This generator is designed to generate electricity up to its stated maximum amperage loading, at the voltage stated on the appliance rating plate. Do not attempt to use it to do anything else. Do not use it in an explosive atmosphere.

##### Transport :

Refer to the engine and alternator manuals provided for full transport recommendations.





## **WARNING**

*Before you operate or carry out any maintenance on this machine **YOU MUST READ** and **STUDY** this manual.*

### **PRE-OPERATION**

- Check your generator before use and **IMMEDIATELY** replace any damaged parts.
- Place the generator on firm level ground with the engine switched **OFF**.
- Check the engine oil level, low oil levels will result in the engine not starting.
- Check the fuel level.
- Check the electrical installation according to the usage.
- Check the earth cable. Replace **IMMEDIATELY** if damaged.
- This equipment is likely to emit a Sound Power Level (LWA) of up to 96dB(A). Wear appropriate ear defenders.
- Your Altrad Belle generator comes preset and **NO** adjustment is necessary.
- Be aware of how to stop the generator by use of the ignition switch.

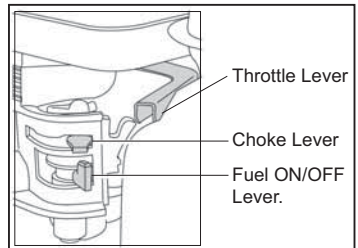
Refer to the engine and alternator manuals provided for full pre-operation check.

### **STOPPING**

- Switch **OFF** the loads.
- Switch **OFF** the engine.
- Turn the fuel tap to the **CLOSED** position.

### **STARTING - HONDA GX200 / GX270**

- Switch **OFF** all electrical appliances connected to the generator.
- Remove all objects placed on, or within one metre of the generator.
- Open the fuel tap by moving the fuel **ON / OFF** lever fully to the right.
- If starting the engine from cold, set the choke **ON** by moving the choke lever fully to the left. If restarting a warm engine, the choke is usually not required, however, if the engine has cooled to a degree, partial choke may be required.
- Turn the engine **ON / OFF** switch clockwise to the 'I' position.
- Set the throttle to the idle position by moving the throttle lever fully to the right.
- Taking a firm hold of the control handle with one hand, grasp the recoil starter handle with the other. Pull the recoil starter until engine resistance is felt, then let starter return.
- Taking care not to pull the starter's rope fully out, pull the starter handle briskly.
- Repeat until the engine fires.
- Once the engine fires gradually set the choke lever to the **OFF** position by moving it to the right.
- If the engine fails to fire after several attempts, follow the Troubleshooting Guide.
- To stop the engine, set the throttle to idle and turn the engine **ON / OFF** switch anticlockwise to the '0' position.
- Turn the fuel **OFF**.
- Select required voltage.



Your Altrad Belle generator is now ready for operation.

### **TREAT THE ELECTRICITY PRODUCED BY THIS GENERATOR AS YOU WOULD MAINS ELECTRICITY.**



## **CAUTION**

*The engine running speed is pre-set by the manufacturer and must not be adjusted.*

The engine speed governs the frequency of the electric supplied (50Hz in U.K.). If the speed is inadvertently disturbed the generator must immediately be stopped and not used until reset.

Damage to electrical appliances can occur if they are supplied with the wrong electrical frequency.

**OPERATION**

Electrical outputs will vary according to the model. Refer to the rating plate for full details and see the following section on component identification.

- 110v AC 16 amp use yellow socket.
- 230v AC 16 amp use blue socket.
- (110v AC 32 amp use yellow socket, 5 kVA & 6 kVA only).

**CAUTION**

*All our 230/110v dual voltage generators have 'floating' windings and are not referenced to frame or earth.*

**CAUTION**

*The third 'earth' socket pin of the BS4343 socket is connected to the frame. Ensure frame has sufficient ground connection at all times.*

**CAUTION**

*If installing a generator into a domestic mains supply for use as a secondary back up, this connection must be done by a qualified competent electrician to ensure correct earthing and installation to the IEE Regulations for Electrical installations or your regional electrical regulations.*

**CAUTION**

*It is recommended that all electrical connections, including earth, are checked and inspected at regular intervals.*

The engine is fitted with an oil alert switch that will automatically stop the engine if there is a fault in the oil system.

**Circuit Breaker**

In case of accidental overload the generator is protected by circuit breakers, thus protecting the generator windings by limiting the current drawn at the preset level. This type of circuit breaker offers improved protection to the generator and any appliance being used.

However this type of breaker offers no earth leakage protection but will trip-in in case of a dead short that produces a current 25% above the circuit breaker rating. The breaker has a delay action that allows current surges, often required when starting electrical motors. The delay of the circuit breaker is designed so that if the current required is too great eg. too large a motor, the supply will cut off.

Be careful to ensure that appliances do not exceed 15% of the generators rated load capacity for more than 10 minutes in the hour. A substantial overload will switch off the circuit breaker. Marginal overload will not switch off the circuit breaker but will shorten the generators service life.

Be sure that all electrical appliances are safe before connecting to the generator. If an appliance fails or stops, switch off the load and engine. Examine the appliance for signs of malfunction.

## ESTIMATING POWER CONSUMPTION

Identifying the correct generator for an application is not always straight forward. There is often difficulty determining the actual power requirements to both start and run the expected load(s). A generator should be considered capable if it can operate within the frequency and voltage specification, for one second after it begins to power the appliance. Some appliances, especially electric motors, may overheat or become damaged by prolonged or repeated connection to a power source, which is insufficient to start them. The two important factors to remember are:

- 1) Ensure the total load does not exceed the generators rated continuous output, for more than 30 minutes.
- 2) Never exceed the generator's maximum output specification.

The best way to ensure that neither of the above occurs is to contact the manufacturer of the equipment that is intended for use with the generator. Alternatively a useful way to measure the starting and running current for the appliance is to use a Altrad Belle Minigen meter. The unit can monitor volts, amps and frequency to help guarantee the performance of both the generator and tools. If it is not possible to test the appliance, then the following information will allow the size of the generator required to be estimated.

## RESISTANCE TYPE LOADS

Examples: Light bulbs, toasters, hair dryers, coffee pots, irons and other appliances, which have heating elements.

This type of load is usually rated in watts, but sometimes a combination of watts and amps will be given. It is possible to select a suitable generator by comparing the specification of the generator with the generator output specification.

**Method 1:** Use when load is rated in watts.

$$\frac{\text{Indicated wattage of resistance type load}}{\text{Power factor for resistance}} = \frac{\text{Watt}}{1} = \text{VA} = \text{Required Generator Output}$$

**Method 2:** Use when voltage and measured current are known.

$$\text{Specified voltage of the resistance type load} \times \text{Measure current of the resistance type load} = \text{VA} = \text{Required Generator Output}$$

## INDUCTIVE AND CAPACITIVE TYPE LOADS:

Examples: Appliances or tools with electric motors, air conditioners, microwave ovens, televisions, fluorescent lights and any other appliances that are not simply resistance type loads.

This type of appliance (especially those that use electric motors) may require more power to start then is indicated by their running power ratings. It is not possible to select a generator by the power rating information given on the appliance; it is necessary to know both the starting current and running current required.

Running power requirements:

**Method 1:** Use when load is rated in watts.

$$\frac{\text{Indicated wattage of inductive/capacitive load}}{\text{Indicated Power factor}} = \frac{\text{Watt}}{<1} = \text{VA} = \text{Required Generator Output}$$

**Method 2:** Use when voltage and measured current are known.

$$\text{Specified voltage of the inductive/capacitive load} \times \text{Measure current of the inductive/capacitive type load} = \text{VA} = \text{Required Generator Output}$$

Starting power requirements:

**Method 1:** Use when starting current and voltage are specified.

$$\text{Indicated starting current} \times \text{Specified voltage of the inductive/capacitive load} = \text{VA} = \text{Starting power requirements}$$

**Method 2:** Use when starting current and voltage are specified.

$$\text{Measured starting current} \times \text{Specified voltage of the inductive/capacitive load} = \text{VA} = \text{Starting power requirements}$$

## GENERAL GUIDELINES

Refrigerators, freezers, compressors and central heating pumps usually have induction type motors and the starting current can be three times higher than the running current.

Fluorescent lamps require approx 1.5 times their stated wattage to start-up.

Microwave ovens are often referred to by their cooking power, which is often half the operating power. Starting up the oven consumes an extra 25%, which is used to energise the capacitor. This means that a microwave rated at 600 Watts (cooking power) actually needs 1500 watts to operate it.

It is essential to consult the manufacturer when considering using electric welders.

## Examples

a) Kettle (Specification: 230V 50Hz, 2200W, unknown Amps) - Resistance load

$\frac{\text{Indicated wattage of resistance type load}}{\text{Power factor for resistance}} = \frac{2200}{1} = 2200 \text{ VA or } 2.2\text{kVA to operator}$
--

b) Mini 150 concrete mixer (Specification: 110V 50Hz, 600W, 5.5A) - Inductive / Capacitive load

$\frac{\text{Specified voltage of the inductive/capacitive load}}{\text{inductive/capacitive load}} \times \frac{\text{Measured current of the inductive/capacitive load}}{\text{inductive/capacitive load}} = 110 \times 5.5 = 605 \text{ VA or } 0.605 \text{ kVA to operate}$
--

The power required to start the mixer is actually 3 x this amount, therefore: 3 x 0.605kVA = 1.815 kVA to start the machine.

# Servicing



Before starting any maintenance or repairs, stop engine or switch off motor, and isolate from the main power supply. On completion of maintenance, check that the generator functions correctly and that all guards are correctly fitted.

## EXTENSION CABLES

If you need to use an extension cable it must be no longer than 30 metres (100 feet) in length. Ensure that the extension cable is carefully laid out avoiding liquids, sharp edges and places where vehicles might run over it or become trapped. Unroll it fully or it will overheat and could catch fire. Make sure that any extension cable connections are dry and safe.

## COMBUSTION ENGINES



**CAUTION** *Be aware of exhaust venting directions.*

The engine needs a regular oil check. Try not to run low on fuel as this may result in sediment from the bottom of the tank doing damage to the injector and pump. **Repairs and rectification of pipework and components affected by contaminants in fuel cannot be accepted as warranty, neither will faults caused or contributed to by the machine running out of fuel.** You may need to bleed the fuel system free of air before starting. For initial engine fill or top up use a suitable engine oil of a 10W/30 grade. In your own interests read the makers instruction leaflet issued with the machine before starting up.

## LUBRICATION AND RUNNING

See Maintenance Schedule Section and Operating Instructions.

# Maintenance Schedule



Only authorised dealers should repair the generator, and within the requirements of the CE mark (where applicable), where no deviation from the original specification must take place.

Please refer to the Engine Manufacturers instruction leaflet, before attempting any maintenance checks or procedures.



**CAUTION** *Any maintenance and repairs carried out, to any part of the electrical circuit, must be undertaken by a qualified electrician.*



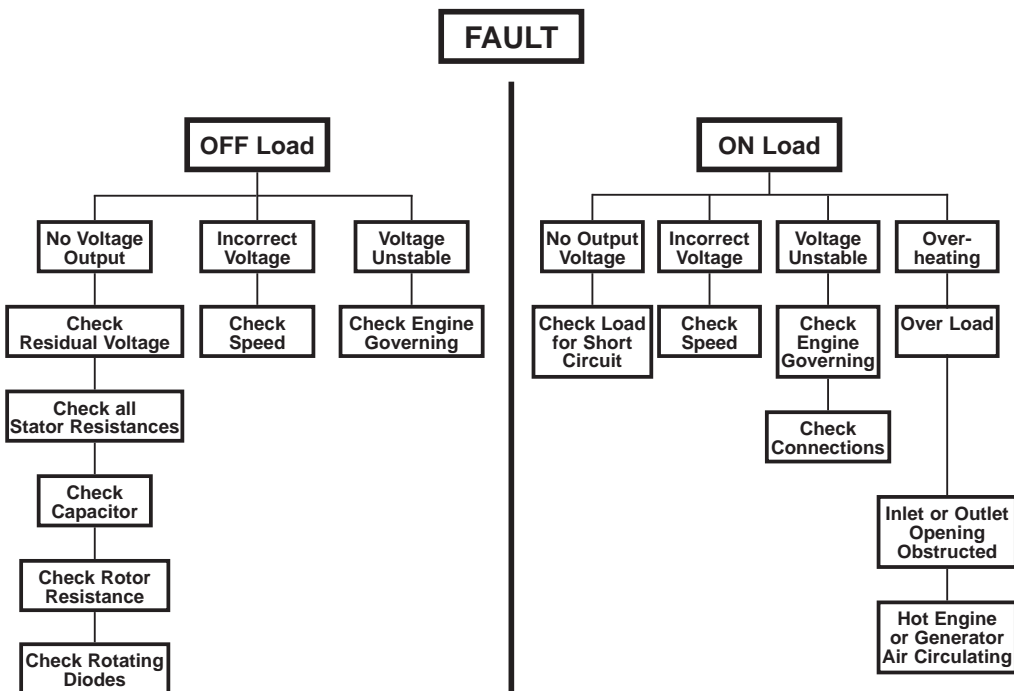
**CAUTION** *Disable engine starting circuits before carrying out any maintenance or repair.*

Routine Maintenance		Each Use	First Month / 20 Hours	3 Months / 50 Hours	6 Months / 100 Hours	Yearly / 300 Hours
Engine Oil	Check Level	✓				
	Change		✓		✓	
Air Cleaner	Check	✓				
	Clean			✓ (1)		
Sediment Cup	Clean				✓	
Spark Plug	Check - Clean				✓	
Valve Clearance	Check - Adjust					✓ (2)
Fuel Tank & Strainer	Clean					✓ (2)
Fuel Line	Check (Replace if necessary)	Every 2 Years (2)				

(1): Service more frequently when in dusty areas.

(2): These items should be serviced by an authorised Honda dealer.

Problem	Cause	Remedy
Engine will not start.	Fuel tap not turned on.	Turn fuel on.
	No fuel in tank.	Fill fuel tank.
	Oil not filled to correct level.	Fill oil to correct level.
	Engine run switch not turned on.	Set engine control correctly.
	Choke not set correctly.	Set engine control correctly.
	Spark plug fouled.	Replace / clean spark plug.
	Air cleaner blocked.	Replace / clean air filter.
Engine still will not start.	Major Fault	Contact Agent or Altrad Belle.
Engine runs rough.	Air cleaner blocked.	Replace / clean air filter.
	Spark plug fouled.	Replace / clean spark plug.
	Choke set incorrectly.	Set engine control correctly.
	Dirty / stale fuel.	Drain and replace fuel.
No electrical output.	Voltage selector switch incorrectly positioned.	Select the correct voltage.
	Circuit breaker tripped.	Re-set circuit breaker.



## Circuit Breaker Specifications



kVA	110v	230v
2.7	20	9
3.4	25	12
5.0	35	20

## Capacitor Chart



kVA	Replacement Capacitor Required
2.7	14 $\mu f$
3.4	14 $\mu f$
5.0	30 $\mu f$

## Application



Before deciding which generator you need, it is important to consider **ALL** the appliances you will be operating, how many will be used simultaneously and the **TOTAL** current consumption at any one time. Most appliances have a description plate stating the current, usually in watts.

### IMPORTANT

TV sets, cookers HI-Fi, kettles and filament lamps have resistive loads, their starting and running current being virtually the same, and as stated on the description plate. Fluorescent lamps (on average) require approximately 1.5 times their stated wattage to start-up. Hand tools with universal-type motors need an extra 5% added to their stated power consumption.

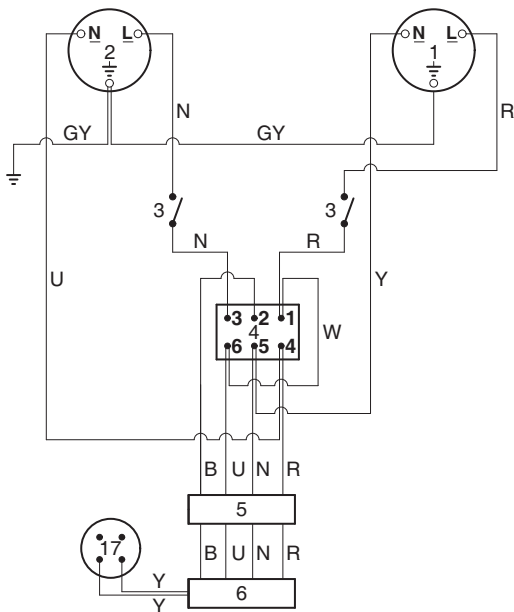
Altrad Belle Mini/Maxi concrete mixers, refrigerators, vacuum cleaners, freezers and central heating pumps usually employ induction/capacitor type motors. Their starting current can be three times the normal running requirement: check the description plate carefully. Note for example, a Altrad Belle Mini 140 and 150 mixer, having a motor wattage of 650 watts input multiplied by three would give a total starting requirement of 1950 watts, therefore a 2.2 kw Altrad Belle generator would be required.

If in doubt, check with the appliance manufacturer. Microwave ovens are often referred to by their cooking power, which on average is half their actual operating power consumption. However, switching on the oven consumes an extra 25% power as the capacitor is energised. Thus, a normal '600 watt' microwave oven actually needs 1500 watts to operate it.

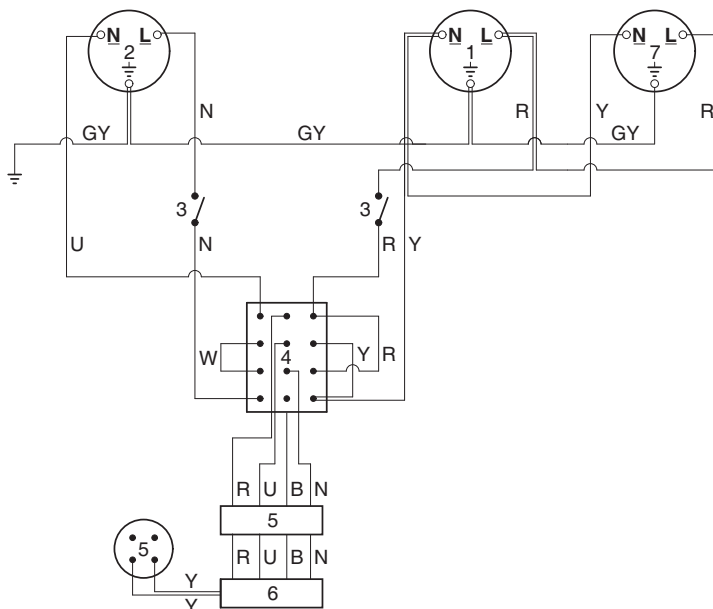
### TYPICAL CURRENT CONSUMPTION

The following is presented as an approximate guide to the power requirements including start up when applicable.

## GPX 2700



## GPX 3400







Your new Altrad Belle Generator is warranted to the original purchaser for a period of one-year (12 months) from the original date of purchase. The Altrad Belle warranty is against defects in design, materials and workmanship.

The following are not covered under the Altrad Belle warranty:

1. Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.
2. Alterations, additions or repairs carried out by persons other than Altrad Belle or their recognised agents.
3. Transportation or shipment costs to and from Altrad Belle or their recognised agents, for repair or assessment against a warranty claim, on any machine.
4. Materials and/or labour costs to renew, repair or replace components due to fair wear and tear.

The following components are not covered by warranty.

- Drivebelt/s
- Engine air filter
- Engine spark plug

Altrad Belle and/or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by reason of or the inability to use the machine for any purpose.

### Warranty Claims

All warranty claims should firstly be directed to Altrad Belle, either by telephone, by Fax, by Email, or in writing.

#### For warranty claims:

Tel: +44 (0)1298 84606

Fax: +44 (0)1298 84073

Email : [Warranty@belle-group.co.uk](mailto:Warranty@belle-group.co.uk)

#### Write to:

Altrad Belle Warranty Department,  
Sheen, Nr. Buxton,  
Derbyshire,  
SK17 0EU  
England.

#### Warranty Registration:

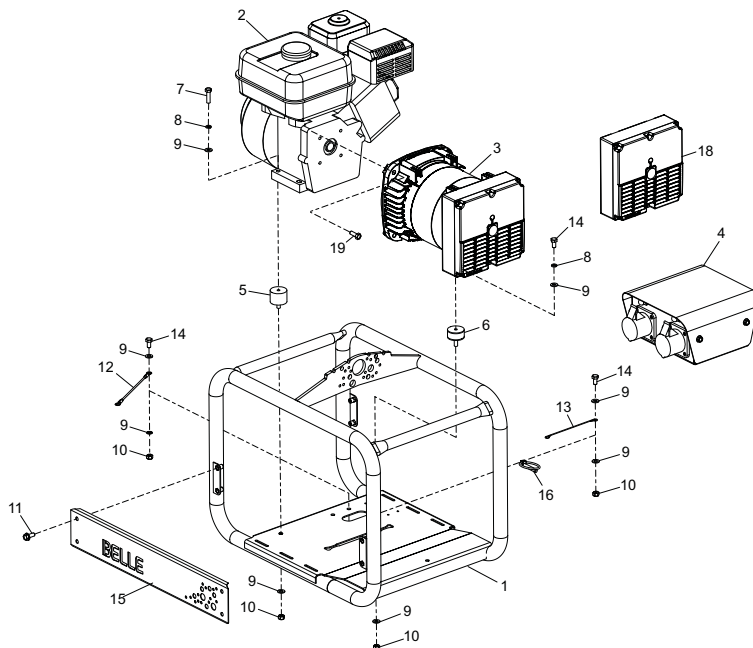
In the bid for ALTRAD Belle to become greener and more eco friendly, we have now introduced online Warranty registration. To access the registration page of our website, please use the following address:-

[http://www.bellegroup.com/index.php?p=warranty\\_registration](http://www.bellegroup.com/index.php?p=warranty_registration)

Alternatively, please scan the adjacent QR Code (Quick Response Code) using your smartphone to access the registration page.

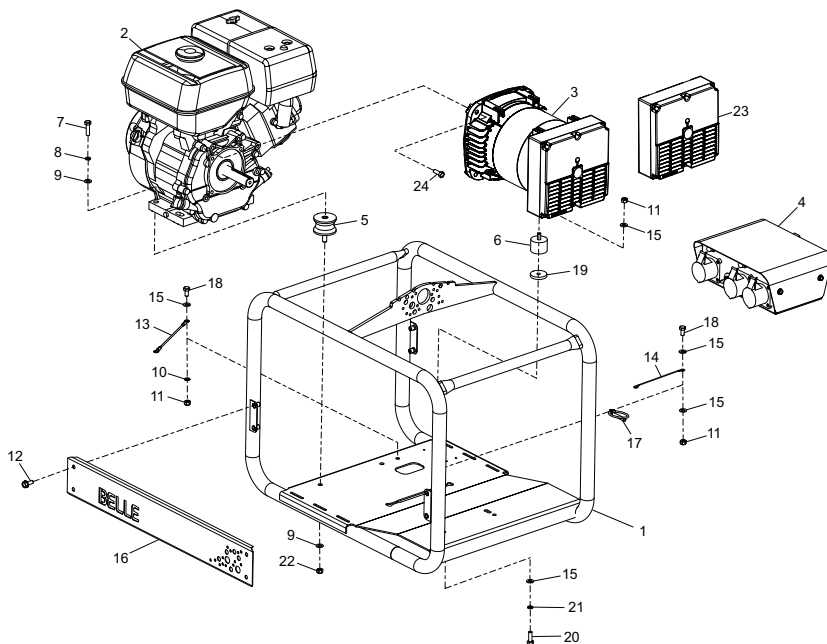






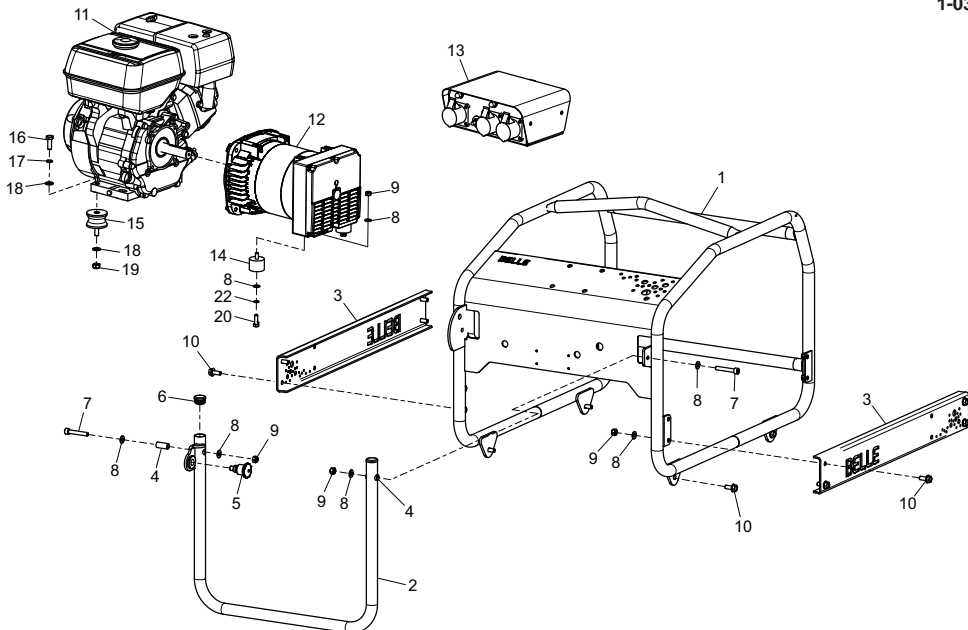
**Main Assembly - GPX 2700 & 3400**

1	996/00400SP	..... Frame .....	1
2	20/0132	..... Engine.....	Honda GX200..... 1
3	996/01500	..... Alternator.....	1
4	See 2-01	..... Control Box.....	GPX 2700..... 1
5	See 2-02	..... Control Box.....	GPX 3400..... 1
5	21/0157	..... Anti-Vibration Mount .....	2
6	21/0436	..... Anti-Vibration Mount .....	2
7	7/8009	..... Screw .....	M8 x 30..... 2
8	4/8003	..... Washer .....	M8..... 4
9	4/8006	..... Washer .....	M8..... 11
10	8/8008	..... Nut .....	M8..... 6
11	7/8037	..... Screw .....	M8 x 20..... 8
12	71/0316	..... Earth Cable.....	1
13	914/25303	..... Retaining Cable .....	1
14	7/8008	..... Screw .....	M8 x 16..... 4
15	996/99906S	..... Side Guard.....	Orange..... 2
15	996/99906B	..... Side Guard.....	Blue..... 2
15	996/99906G	..... Side Guard.....	Green..... 2
15	996/99906R	..... Side Guard.....	Red..... 2
15	996/99906Y	..... Side Guard.....	Yellow..... 2
15	996/99906W	..... Side Guard.....	White..... 2
16	3/1007	..... Lynch Pin.....	1
17	71/0316	..... Earth Cable.....	1
18	996/99910	..... Alternator Cover.....	1
19	9/0005	..... Screw.....	5/16 x 7/8..... 4



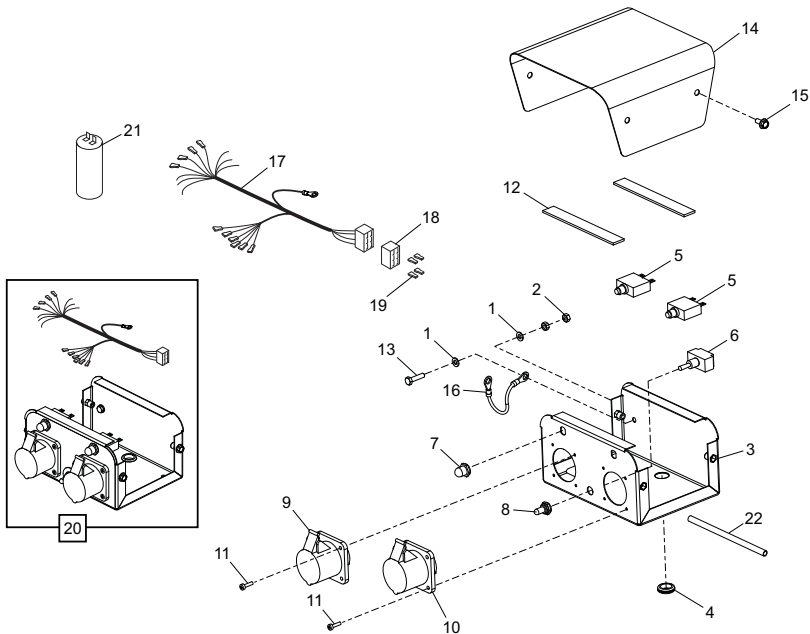
## Main Assembly - GPX 5000

1	996/00600SP	..... Frame .....	1
2	20/0133	..... Engine.....	Honda GX270..... 1
3	996/01700	..... Alternator.....	1
4	See 2-03	..... Control Box.....	1
5	21.0.292	..... Anti-Vibration Mount.....	2
6	21/0157	..... Anti-Vibration Mount.....	2
7	7/10010	..... Screw.....	M10 x 30..... 2
8	4/1003	..... Washer.....	M10..... 2
9	4/1005	..... Washer.....	M10..... 4
10	4/8002	..... Washer.....	M8..... 1
11	8/8008	..... Nut.....	M8..... 4
12	7/8037	..... Screw.....	M8 x 20..... 8
13	71/0317	..... Earth Cable.....	1
14	914/25303	..... Retaining Cable.....	1
15	4/8006	..... Washer.....	M8..... 7
16	996/99907S	..... Side Guard.....	Orange..... 2
16	996/99907B	..... Side Guard.....	Blue..... 2
16	996/99907G	..... Side Guard.....	Green..... 2
16	996/99907R	..... Side Guard.....	Red..... 2
16	996/99907Y	..... Side Guard.....	Yellow..... 2
16	996/99907W	..... Side Guard.....	White..... 2
17	3/1007	..... Lynch Pin.....	1
18	7/8008	..... Screw.....	M8 x 16..... 2
19	4/8023	..... Washer.....	M8 x 40..... 2
20	7/8012	..... Screw.....	M8 x 25..... 2
21	4/8003	..... Washer.....	M8..... 2
22	8/10006	..... Nut.....	M10..... 2
23	996/99910	..... Alternator Cover.....	1
24	10-342-0616P	..... Screw.....	5/16 x 7/8..... 4



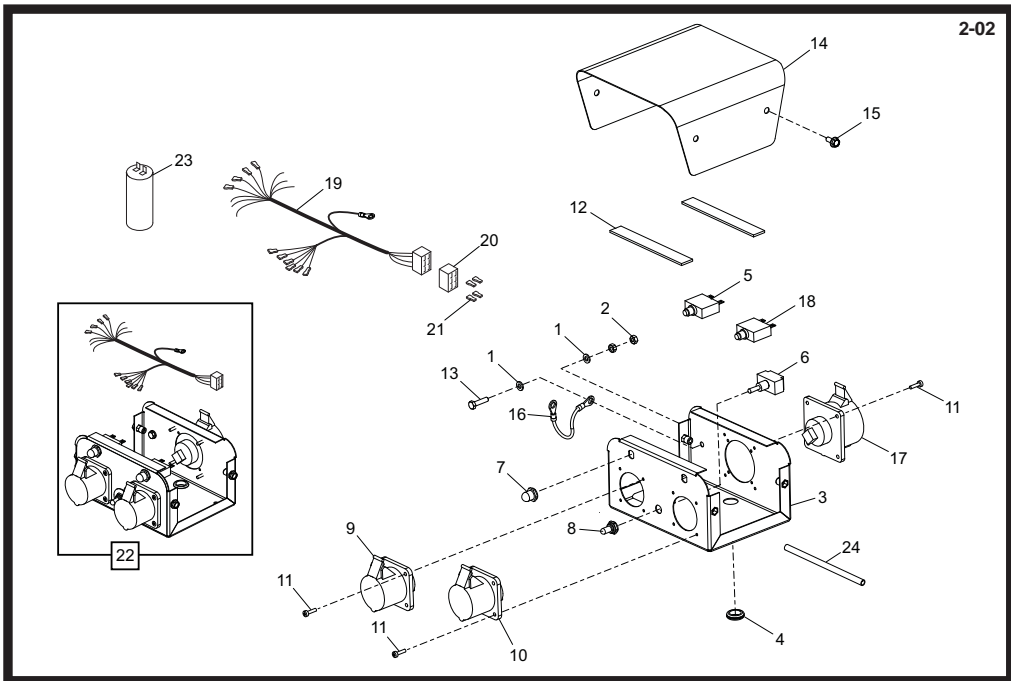
## Main Assembly - GPX 5000W

1	996/00800	Frame	1	
2	02399	Handle	1	
3	996/99913S	Side Guard	Orange	2
3	996/99913B	Side Guard	Blue	2
3	996/99913G	Side Guard	Green	2
3	996/99913R	Side Guard	Red	2
3	996/99913Y	Side Guard	Yellow	2
3	996/99913W	Side Guard	White	2
4	02364	Tube Insert	2	
5		Plunger	1	
6	3/4035	Plug	26mm	2
7	7/8101	Screw	M8 x 50	2
8	4/8006	Washer	M8	16
9	8/8008	Nut	M8	12
10	7/8037	Screw	M8 x 20	12
11	20/0133	Engine	Honda GX270	1
12	996/01700	Alternator	5.0kVA	1
13	See 2-03	Control Box		1
14	21/0157	Anti-Vibration Mount		2
15	21.0.292	Anti-Vibration Mount		2
16	7/10010	Screw	M10 x 30	2
17	4/1003	Washer	M10	2
18	4/1005	Washer	M10	4
19	8/10006	Nut	M10	2
20	7/8012	Screw	M8 x 25	2
22	4/8003	Washer	M8	2



**Control Box - GPX 2700**

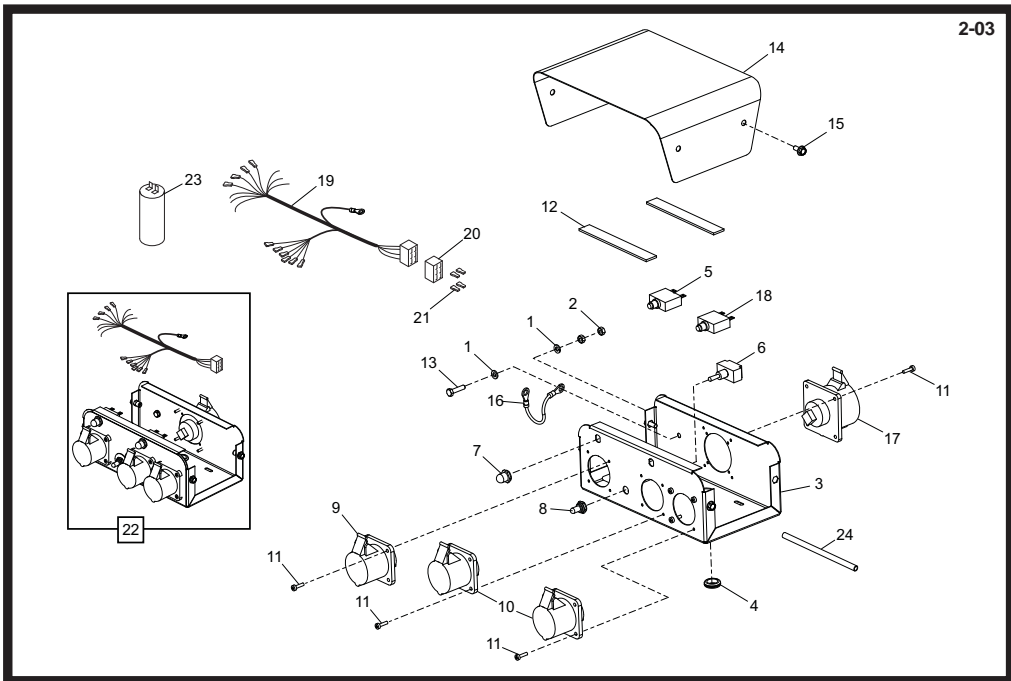
1	4/6001	Washer	M6	2
2	8/6001	Nut	M6	2
3	996/00301SP	Control Box Cover		1
4	3/4019	Grommet		1
5	918/40100	Circuit Breaker	20 Amp	2
6	918/13000	Switch 2-Pole		1
7	70/0314	Breaker Switch Cover		2
8	70/0313	Pole Switch Cover		1
9	922/02100	Socket	230v - 16 Amp	1
10	922/02000	Socket	110v - 16 Amp	1
11	7/4003	Screw	M4 x 16	8
12	1/0817	Sealant Strip		2
13	7/6051	Screw	M6 x 25	1
14	996/99902S	Control Box Cover	Orange	1
14	996/99902B	Control Box Cover	Blue	1
14	996/99902G	Control Box Cover	Green	1
14	996/99902R	Control Box Cover	Red	1
14	996/99902Y	Control Box Cover	Yellow	1
14	996/99902W	Control Box Cover	White	1
15	7/6034	Screw	M6 x 16	4
16	71/0315	Earth Cable		1
17	71/0318	Harness		1
18	918/18500	Terminal Block		1
19	70/0321	Crimp Recepticle		4
20	996/01000SP	Control Box Complete		1
21	70/0326	Capacitor	14uf	1
22	1/1116	Heatshrink		1



**Control Box - GPX 3400**

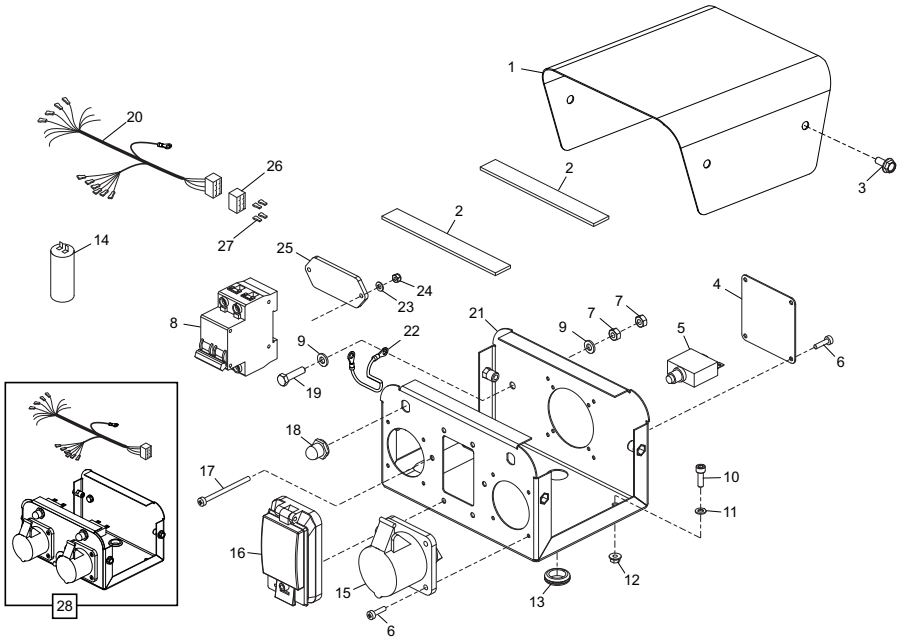
1	4/6001	Washer	M6	2
2	8/6001	Nut	M6	2
3	996/00501SP	Control Box Cover		1
4	3/4019	Grommet		1
5	918/39900	Circuit Breaker	12 Amp	2
6	918/13000	Switch 2-Pole		1
7	70/0314	Breaker Switch Cover		2
8	70/0313	Pole Switch Cover		1
9	922/02100	Socket	230v - 16 Amp	1
10	922/02000	Socket	110v - 16 Amp	1
11	7/4003	Screw	M4 x 16	8
12	1/0817	Sealant Strip		2
13	7/6051	Screw	M6 x 25	1
14	996/99902S	Control Box Cover	Orange	1
14	996/99902B	Control Box Cover	Blue	1
14	996/99902G	Control Box Cover	Green	1
14	996/99902R	Control Box Cover	Red	1
14	996/99902Y	Control Box Cover	Yellow	1
14	996/99902W	Control Box Cover	White	1
15	7/6034	Screw	M6 x 16	4
16	71/0315	Earth Cable		1
17	918/12900	Socket	110v - 32 Amp	1
18	918/40200	Circuit Breaker	25 Amp	2
19	71/0319	Harness		1
20	918/18500	Terminal Block		1
21	70/0321	Crimp Receptacle		4
22	996/01100SP	Control Box Complete		1
23	70/0326	Capacitor	14uf	1
24	1/1116	Heatshrink		1





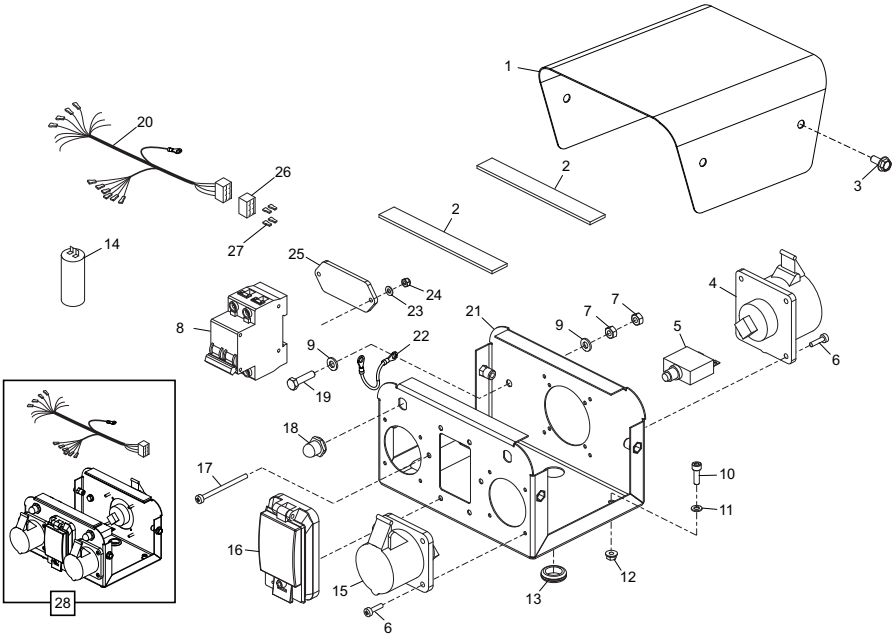
**Control Box - GPX 5000 & 5000W**

1	4/6001	..... Washer .....	M6 .....	2
2	8/6001	..... Nut .....	M6 .....	2
3	996/00201SP	..... Control Box Cover .....		1
4	3/4019	..... Grommet .....		1
5	918/40100	..... Circuit Breaker .....	20 Amp .....	2
6	918/13000	..... Switch 2-Pole .....		1
7	70/0314	..... Breaker Switch Cover .....		2
8	70/0313	..... Pole Switch Cover .....		1
9	922/02100	..... Socket .....	230v - 16 Amp .....	1
10	922/02000	..... Socket .....	110v - 16 Amp .....	2
11	7/4003	..... Screw .....	M4 x 16 .....	8
12	1/0817	..... Sealant Strip .....		2
13	7/6051	..... Screw .....	M6 x 25 .....	1
14	996/99902	..... Control Box Cover .....		1
15	7/6034	..... Screw .....	M6 x 16 .....	4
16	71/0315	..... Earth Cable .....		1
17	918/12900	..... Socket .....	110v - 32 Amp .....	1
18	918/42500	..... Circuit Breaker .....	35 Amp .....	1
19	71/0320	..... Harness .....		1
20	918/18500	..... Terminal Block .....		1
21	70/0321	..... Crimp Recepticle .....		4
22	996/01100SP	..... Control Box Complete .....		1
23	70/0327	..... Capacitor .....	16uf .....	1
24	1/1116	..... Heatshrink .....		1



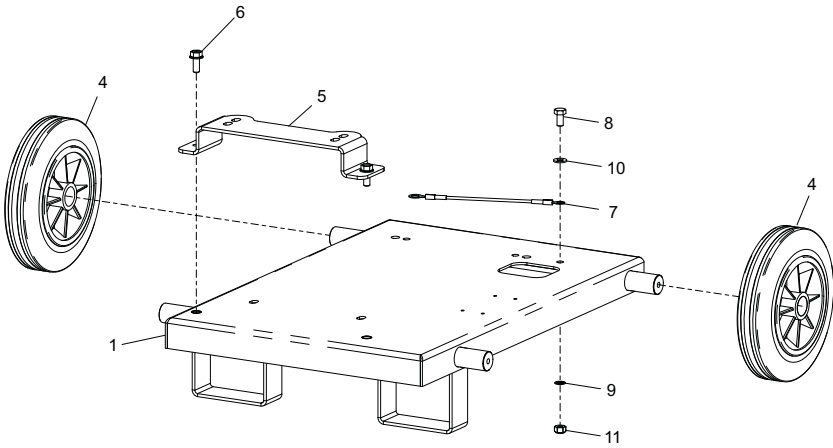
**Control Box - GPX 2700 CTE**

1	996/99902S.....	Control Box Cover .....	Orange .....	1
1	996/99902B.....	Control Box Cover .....	Blue .....	1
1	996/99902G.....	Control Box Cover .....	Green .....	1
1	996/99902R.....	Control Box Cover .....	Red .....	1
1	996/99902Y.....	Control Box Cover .....	Yellow .....	1
1	996/99902W.....	Control Box Cover .....	White .....	1
2	1/0817.....	Sealant Strip .....		2
3	7/6034.....	Screw .....	M6 x 16 .....	4
4	996/99912.....	Control Box Plate.....		1
5	918/40000.....	Circuit Breaker .....	15 Amp .....	2
6	7/4003.....	Screw .....	M4 x 16 .....	12
7	8/6001.....	Nut .....	M6 .....	2
8	70/0329.....	Switch .....		1
9	4/6001.....	Washer .....	M6 .....	2
10	7/5023.....	Screw .....	M5 x .....	4
11	4/5002.....	Washer .....	M5 .....	4
12	8/5006.....	Nut .....	M5 .....	4
13	3/4019.....	Grommet.....		1
14	70/0326.....	Capacitor .....	14uf .....	1
15	922/02000.....	Socket .....	110v - 16 Amp .....	2
16	70/0328.....	Circuit Breaker Cover .....		1
17	7/4024.....	Screw .....	M4 x 60 .....	2
18	70/0314.....	Breaker Switch Cover .....		2
19	7/6051.....	Screw .....	M6 x 25 .....	1
20	71/0323.....	Harness .....		1
21	996/00101SP.....	Control Box .....		1
22	71/0325.....	Earth Cable.....		1
23	4/4001.....	Washer .....	M4 .....	2
24	8/4005.....	Nut .....	M4 .....	2
25	996/99913.....	Packer Plate.....		1
26	918/18500.....	Terminal Block .....		1
27	70/0321.....	Crimp Receptical .....		1
28	996/01300SP.....	Control Box Complete.....		1



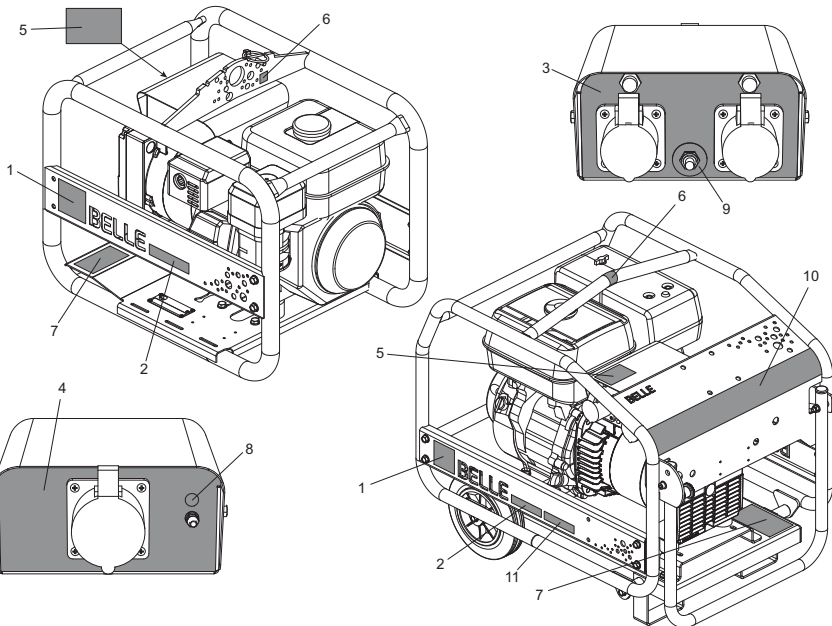
**Control Box - GPX 3400 CTE, 5000 CTE & 5000W CTE**

1	996/99902S.....	Control Box Cover .....	Orange .....	1
1	996/99902B.....	Control Box Cover .....	Blue .....	1
1	996/99902G.....	Control Box Cover .....	Green .....	1
1	996/99902R.....	Control Box Cover .....	Red .....	1
1	996/99902Y.....	Control Box Cover .....	Yellow .....	1
1	996/99902W.....	Control Box Cover .....	White .....	1
2	1/0817.....	Sealant Strip .....		2
3	7/6034.....	Screw .....	M6 x 16 .....	4
4	918/12900.....	Socket .....	110v - 32 Amp .....	1
5	918/40000.....	Circuit Breaker .....	15 Amp .....	2
6	7/4003.....	Screw .....	M4 x 16 .....	12
7	8/6001.....	Nut .....	M6 .....	2
8	70/0329.....	Switch .....		1
9	4/6001.....	Washer .....	M6 .....	2
10	7/5023.....	Screw .....	M5 x .....	4
11	4/5002.....	Washer .....	M5 .....	4
12	8/5006.....	Nut .....	M5 .....	4
13	3/4019.....	Grommet.....		1
14	70/0326.....	Capacitor .....	3400 CTE - 14uf .....	1
14	70/0327.....	Capacitor .....	5000 CTE - 16uf .....	1
15	922/02000.....	Socket .....	110v - 16 Amp .....	2
16	70/0328.....	Circuit Breaker Cover .....		1
17	7/4024.....	Screw .....	M4 x 60 .....	2
18	70/0314.....	Breaker Switch Cover .....		2
19	7/6051.....	Screw .....	M6 x 25 .....	1
20	71/0324.....	Harness .....		1
21	996/00101SP.....	Control Box.....		1
22	71/0325.....	Earth Cable.....		1
23	4/4001.....	Washer .....	M4 .....	2
24	8/4005.....	Nut .....	M4 .....	2
25	996/99913.....	Packer Plate .....		1
26	918/18500.....	Terminal Block .....		1
27	70/0321.....	Crimp Receptical .....		1
28	996/01400SP.....	Control Box Complete.....	GPX 3400 CTE.....	1
28	996/01600SP.....	Control Box Complete.....	GPX 5000 CTE.....	1



### Chassis - GPX 5000W

1	996/00700	Chassis	1	
4	60/0285	Wheel	2	
5	996/99909	Bracket	1	
6	7/8037	Screw	M8 x 20	2
7	71/0317	Earth Cable	1	
8	7/8008	Screw	M8 x 16	1
9	4/8002	Washer	M8	1
10	4/8006	Washer	M8	1
11	8/8008	Nut	M8	1



## Decals

1	800/99318	Decal	Altrad Logo	2
2	800/99322	Text Transfer	GPX 2700	2
2	800/99323	Text Transfer	GPX 3400	2
2	800/99324	Text Transfer	GPX 5000	2
3	800/99321	Decal	Box Front - GPX 2700	1
3	800/99326	Decal	Box Front - GPX 3400	1
3	800/99328	Decal	Box Front - GPX 5000 & 5000W	1
3	800/99390	Decal	Box Front - GPX 2700 CTE	1
3	800/99391	Decal	Box Front - GPX 3400 CTE	1
3	800/99392	Decal	Box Front - GPX 5000 & 5000W CTE	1
4	800/99327	Decal	Box Rear - GPX 3400	1
4	800/99329	Decal	Box Rear - GPX 5000 & 5000W	1
5	800/99330	Decal	Rating - GPX 2700	1
5	800/99331	Decal	Rating - GPX 3400	1
5	800/99332	Decal	Rating - GPX 5000 & 5000W	1
6	800/99334	Decal	Lifting	2
7	800/99333	Decal	Safety	1
8	800/99376	Decal	Earth	1
9	800/99376	Decal	Voltage Indicator	1
10	800/99343	Decal	Bit Decal - GPX 5000W	1
11	800/99322	Text Transfer	CTE	2



BELLE  
LIGHT  
CONSTRUCTION  
EQUIPMENT

ALTRAD BELLE  
Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB  
Tel. +44 (0)1298 84606 - Fax +44 (0)1298 84722 - Email: [sales@altrad-belle.com](mailto:sales@altrad-belle.com)  
**[www.Altrad-Belle.com](http://www.Altrad-Belle.com)**