

2023

PRODUCT
CATALOGUE



Productivity. Powered.
by **greenworks**
COMMERCIAL

greenworks[®]

COMMERCIAL

www.greenworksaustralia.com



MANUFACTURING EXCELLENCE

20K+ state-of-the-art batteries per day
20 production lines



FULLY AUTOMATED

30K+ motors per day - brushless,
universal & induction
50 production lines
450 employees



INTELLIGENT POWER

24 SMT machines
20+ PCB assembly lines
100K+ PCBs per day
30K+ chargers per day

8kWh Work Utility Vehicle

Model No: CU400W

Part No: 7402507AU



Powerful 8kWh battery - capable of up to 105kms on a single charge.

IPX4 water resistant rating - capable of withstanding the harshest of situations and applications

24kph max speed for quickly transporting from one place to another

Standard high intensity LED headlights provide excellent visibility and added user safety in low light applications



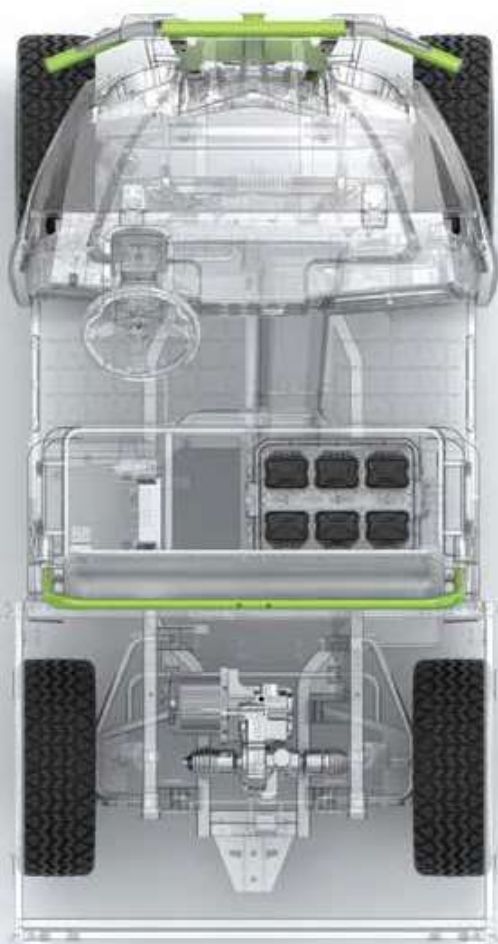
227kg (500lb) hitch towing capacity - built to handle the heaviest loads on the job

216mm (8.5") ground clearance and 180cm (71") wheelbase enables superb off-road capabilities

Independent, dual A-Arm type premium suspension for a comfortable ride on rougher terrain

Front tow hitch with 227kg (500lb) capacity gives users superior pulling power for high demand towing





The GREENWORKS® commercial utility vehicle (UTV) is a dependable workhorse, equipped with a powerful 8kW max gTRON™ drive system. This high performance UTV operates with the equivalent power of a 22hp / 352cc displacement petrol engine, its impressive 8kWh battery module provides up to 105km on a single charge for all day commercial use.

The CU400's intelligent control system automatically adjusts to various terrain conditions and ensures exceptional traction control and handling in any environment. Users can safely and confidently tackle slopes of up to 20° and accelerate to a maximum speed of 24kph.

A robust 250kg (550lb) electric dump bed, 454kg (1,000lb) payload capacity and 227kg (500lb) rear towing capability make light work of any hauling or transporting job. The 216mm (8.5") ground clearance and astounding 180cm (71") wheelbase allows for easy handling in any off-road situation.

The high performance built-in 8kWh lithium-ion battery module processes information extremely quickly ensuring all interconnected systems work to preserve and perform as efficiently as possible. Prismatic cells and safe LFP technology deliver maximum safety and longevity while retaining 70% state-of-charge after 2,000 full charge cycles. High energy density cells, a strong protective aluminium case and increased temperature resistance/regulation provide protection and performance while operating in extreme conditions. The integrated Battery Management System (BMS) efficiently controls charging, overcharge protection, temperature regulation (battery warm-up/cool down), energy conservation and maximum discharge current.



Specifications CU400W

| | | | |
|----------------------------|------------------|--|--|
| Voltage | 82V | Main Gearcase | Direct drive |
| Motor Type | AC induction | Wheel Drive System | Rear 2WD |
| Max Power Rating | 15kW | Front Diff Lock | Electric control |
| Wheelbase | 180cm (71") | Suspension System | Independent. A-Arm Type |
| Ground Clearance | 216mm (8.5") | Brakes (front/rear) | Hydraulic disc |
| Payload Capacity | 454kg (1,000lbs) | Cargo Bed Capacity | 250kg (550lbs) |
| Tow Capacity | 227kg (500lbs) | Cargo Bed Dimension (mm, L x W x D) | 1,320 x 889 x 290 (52" x 35" x 11.4") |
| Horsepower | 22hp equivalent | Ground Speed | Up to 24kph |
| Engine Displacement | 352cc equivalent | Tyres/Wheels | 24x8-12 front 24x8-13 rear |
| IPX Rating | 4 | Runtime/Range | Up to 105km |
| Multi-mode Switch | L/M/H | Weight (w/battery) | 485kg |

Battery

| | |
|-----------------|--------|
| Voltage | 82V |
| Capacity | 8kWh |
| Weight | 79.8kg |

Charger

| | |
|---------------------|---------|
| Charge Watts | 1.5kw |
| Charge Time | 7 hours |
| Weight | 2.8kg |

8kWh Work Utility Vehicle

Model No: CU500SB

Part No: 7402607AU

IPX4 water resistant rating - capable of withstanding the harshest of situations and applications

Powerful 8kWh battery - capable of up to 64kms on a single charge.

Standard high intensity LED headlights provide excellent visibility and added user safety in low light applications

Front tow hitch with 1,134kg (2,500lb) capacity gives users superior pulling power for high demand towing

Independent, dual A-Arm type premium suspension for a comfortable ride on rougher terrain

Spring assisted cargo dumping bed with 150kg (330lb) hauling capacity for fast, easy and efficient loading/unloading of cargo

567kg (1,250lb) hitch towing capacity - built to handle the heaviest loads on the job

43kph max speed for quickly transporting from one place to another

254mm (10") ground clearance and 180cm (71") wheelbase enables superb off-road capabilities



The combination of battery, motor, control and charging systems operating in sync, deliver unmatched power and performance compared to any other petrol or battery powered product.

The GREENWORKS® commercial utility vehicle (UTV) was designed to handle even the toughest terrains with comfort and ease. This dependable workhorse is equipped with a powerful 8kW max gTRON™ drive system and operates with the equivalent power of a 22hp / 352cc displacement petrol engine. Its impressive 8kWh battery module provides up to 105km on a single charge for all day commercial use.

Users can safely and confidently tackle slopes of up to 20° and accelerate to a maximum speed of 43kph using the intelligent control system which automatically adjusts to various terrain conditions and ensures exceptional traction control and handling in any environment.

The 254mm (10") ground clearance and astounding 184cm (72.5") wheelbase allows for easy handling in any off-road situation and the robust 150kg (330lb) spring assisted dump bed, 454kg (1,000lb) payload capacity, 567kg (1,250lb) rear towing capacity and 1,134kg (2,500lb) front hitch winch make light work of any hauling or transporting job.

The powerhouse built-in 8kWh lithium-ion battery module processes information extremely quickly ensuring all interconnected systems work to preserve and perform as efficiently as possible. Prismatic cells and safe LFP technology deliver maximum safety and longevity while retaining 70% state-of-charge after 2,000 full charge cycles. High energy density cells, a strong protective aluminium case and increased temperature resistance/regulation provide protection and performance while operating in extreme conditions. The integrated Battery Management System (BMS) efficiently controls charging, overcharge protection, temperature regulation (battery warm-up/cool down), energy conservation and maximum discharge current.



hood rack not included, image is a representation only

Specifications CU500SB

| | | | |
|----------------------------|------------------|--|-------------------------------------|
| Voltage | 82V | Main Gearcase | Direct drive |
| Motor Type | AC induction | Wheel Drive System | 4WD |
| Max Power Rating | 15kW | Front Diff Lock | Electric control |
| Wheelbase | 184cm (72.5") | Suspension System | Independent. A-Arm Type |
| Ground Clearance | 254mm (10") | Brakes (front/rear) | Hydraulic disc |
| Payload Capacity | 454kg (1,000lbs) | Cargo Bed Capacity | 150kg (330lbs) |
| Tow Capacity | 567kg (1,250lbs) | Cargo Bed Dimension (mm, L x W x D) | 813 x 1,067 x 305 (32" x 42" x 12") |
| Horsepower | 22hp equivalent | Ground Speed | Up to 43kph |
| Engine Displacement | 352cc equivalent | Tyres/Wheels | 24x8-12 front 24x8-13 rear |
| IPX Rating | 4 | Runtime/Range | Up to 65km |
| Multi-mode Switch | L/M/H | Weight (w/battery) | 661kg |



Battery

| | |
|-----------------|--------|
| Voltage | 82V |
| Capacity | 8kWh |
| Weight | 84.8kg |

Charger

| | |
|---------------------|---------|
| Charge Watts | 1.5kw |
| Charge Time | 7 hours |
| Weight | 2.8kg |

16kWh Work Utility Vehicle

Model No: CU800SB

Part No: 7402807AU

IPX4 water resistant rating - capable of withstanding the harshest of situations and applications

Powerful 16kWh battery - capable of up to 120kms on a single charge.

Standard high intensity LED headlights provide excellent visibility and added user safety in low light applications

Front tow hitch with 1,134kg (2,500lb) capacity gives users superior pulling power for high demand towing

Independent, dual A-Arm type premium suspension for a comfortable ride on rougher terrain

Spring assisted cargo dumping bed with 250kg (550lb) hauling capacity for fast, easy and efficient loading/unloading of cargo

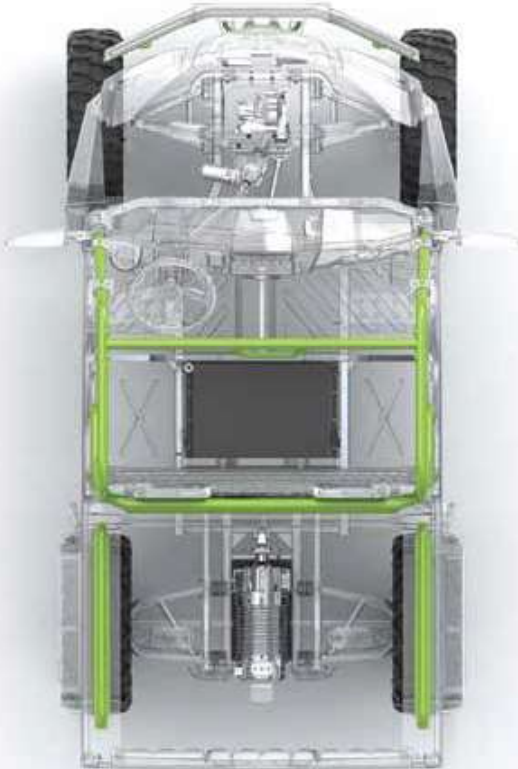
680kg (1,500lb) hitch towing capacity - built to handle the heaviest loads on the job

47kph max speed for quickly transporting from one place to another

254mm (10") ground clearance and 180cm (71") wheelbase enables superb off-road capabilities



hood rack not included, image is a representation only



High powered performance you can count on. The GREENWORKS® commercial utility vehicle (UTV) is designed to go the distance with its powerful 16kW max gTRON™ drive system, operating with the equivalent power of a 31hp / 496cc displacement petrol engine. Its 16kWh battery module provides up to an impressive 120km on a single charge for all day use. This vehicle is up for any challenge with superior off-road performance and on-demand 4WD for a true work utility experience.

The combination of battery, motor, control and charging systems operating in sync, deliver unmatched power and performance compared to any other petrol or battery powered product. With a network of controllers at its centre, this unit's nerve system manages the battery, powerful brushless motors and vast information between the vehicle and the user with intelligence, efficiency and responsiveness. This creates a closed loop system that automatically reacts and responds to every changing conditions without requiring user action.

Users can safely and confidently tackle slopes of up to 20° and accelerate to a maximum speed of 43kph using the intelligent control system which automatically adjusts to various terrain conditions and ensures exceptional traction control and handling in any environment.

The 254mm (10") ground clearance and astounding 184cm (72.5") wheelbase allows for easy handling in any off-road situation and the robust 250kg (550lb) spring assisted dump bed, 454kg (1,000lb) payload capacity, 680kg (1,500lb) rear towing capacity and 1,134kg (2,500lb) front hitch winch make light work of any hauling or transporting job.



Specifications CU800SB

| | | | |
|----------------------------|------------------|--|-------------------------------------|
| Voltage | 82V | Main Gearcase | Direct drive |
| Motor Type | AC induction | Wheel Drive System | 4WD |
| Max Power Rating | 15kW | Front Diff Lock | Electric control |
| Wheelbase | 184cm (72.5") | Suspension System | Independent. A-Arm Type |
| Ground Clearance | 254mm (10") | Brakes (front/rear) | Hydraulic disc |
| Payload Capacity | 454kg (1,000lbs) | Cargo Bed Capacity | 250kg (550lbs) |
| Tow Capacity | 680kg (1,500lbs) | Cargo Bed Dimension (mm, L x W x D) | 889 x 1,143 x 305 (35" x 45" x 12") |
| Horsepower | 31hp equivalent | Ground Speed | Up to 43kph |
| Engine Displacement | 496cc equivalent | Tyres/Wheels | 24x9-14 front 24x11-14 rear |
| IPX Rating | 4 | Runtime/Range | Up to 120km |
| Multi-mode Switch | L/M/H | Weight (w/battery) | 795kg |

Battery

| | |
|-----------------|--------|
| Voltage | 82V |
| Capacity | 8kWh |
| Weight | 84.8kg |

Charger

| | |
|---------------------|----------|
| Charge Watts | 1.5kw |
| Charge Time | 11 hours |
| Weight | 2.8kg |



OptimusZ 8kW Super Charger

Model No: C80SC

Skin Only Part No: 2954107AU

- Charges 24kWh battery in 3 hours
- Short circuit protection
- Burnout protection
- No-load protection



- Compatible with all OptimusZ models
- Automatic shutdown when fully charged
- LCD screen for critical charging information
- Minimises downtime, maximises productivity

Specifications C80SC

| | |
|---------------------|------------------------|
| Charge Rate | AC 240V 31A (7.7kW) |
| Max Output Voltage | 86.4V |
| Output Current | DC 80A |
| Rated Input Current | 32.0 A |
| Rated Input Power | 7.7kVA |
| Charging Time | 24kWh within 3.5 hours |
| Weight | 39.9kg |



Proven reliability

Charging shell is shaped by integrated die casting and joined with temperature resistant glue. The active cooling fan is designed with a potting structure to provide longer life. Charger has been tested in various industrial environments (wet, cold, hot, dusty) and design is proven and passed for unmatched reliability.

Safety and longevity

Active PFC and LLC techniques are applied for a rapid response on a detected fault. Quick active software self-protection and reliable passive hardware self-protection on voltage and current. Advanced charging strategy is integrated as a safeguard for battery system protection.