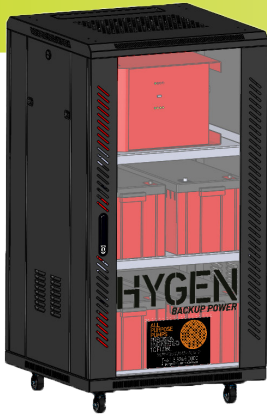


# HYGEN® BACK UP POWER BATTERY



## FEATURES

All Purpose Pumps HYGEN® Backup Power system is designed to provide uninterrupted power supply to a critical service such as pump station. The system uses its Standby-Run feature to automatically switch from mains power to back up power in the event of a power failure.

- > Designed and manufactured to comply with the requirement of IEC-AS/NZS 62040 and AS/NZS 60590.
- > Regulatory compliance mark approved.
- > True sinewave inverter charger
- > Automatic uninterruptible switching with Standby-Run feature
- > Backup power system fully contained in powder coated cabinet
- > Hinged front door and removable sides for easy access
- > Castor wheels for manoeuvrability, wheels can be removed for fixture of unit.
- > On board Failure Information and System status.
- > Inverter charger
  - > LED status indicator
  - > Red-Overload, low battery, Temperature
  - > Green- Mains on, Inverter on
  - > Yellow-Bulk, Absorption, Float mode
- > Protection for:
  - > Output short circuit
  - > Overload
  - > Battery voltage too high
  - > Battery voltage too low
  - > Temperature too high
  - > 230VAC on inverter output
  - > Input voltage ripple too high

## BATTERY

- > 220Ah 12 volt AGM sealed batteries
- > Battery temperature protection sensor

## ADDITIONAL BATTERY KIT

- > Extended back up power run time.



25 YEARS INDUSTRY EXPERIENCE



## RANGE

MODEL	PRODUCT CODE	BATTERY INFO	MAXIMUM PUMP LOAD	SUPPLY VOLTAGE
HYGEN.B075.1	8400020	2 x 220AH	2 x 0.75kW	240v
HYGEN.B15.1	8400036	4 x 220AH	2 x 1.5kW	240v

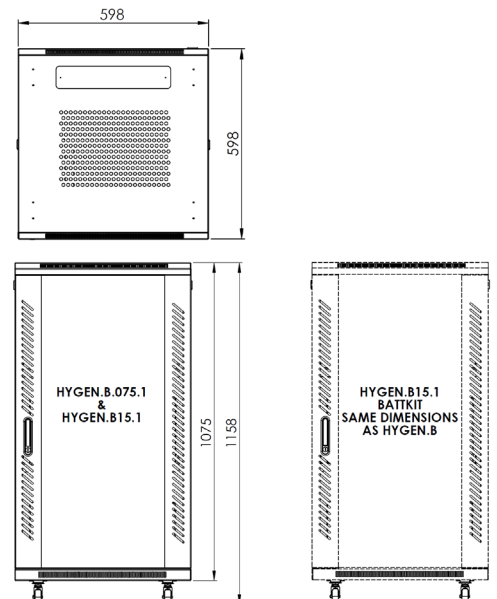
## ADDITIONAL BATTERY KITS

MODEL	PRODUCT CODE	BATTERY INFO	EST ADDITIONAL RUN TIME	BATTERY LOCATION	WEIGHT (kg)
HYGEN.B075.1BATTKIT	8400021	2 x 220AH	2.0 Hours	Original Cabinet	130
HYGEN.B15.1BATTKIT	8400037	4 x 220AH	2.0 Hours	Additional Cabinet	340

## SPECIFICATIONS

MODEL	B075.1	B15.1
UNIT WEIGHT (kg) INCLUDING BATTERIES	227	371
OUTPUT VOLTAGE	230VAC/1Phase/50Hz	230VAC/1Phase/50Hz
OUTPUT POWER CONTINUOUS (VA)	3000	5000
BATTERY VOLTAGE	24 Vdc	24 Vdc
MAIN / INVERTER SWITCHING TIME	<20 milliseconds	<20 milliseconds
BATTERY QTY	2	4
OPERATING TEMPERATURE	0 - 50 °C	0 - 50 °C
WEATHER PROTECTION	IP21	IP21
ESTIMATED RUN TIME (Maximum Pump Load)	2.0 hours	2.0 hours

## DIMENSIONS



## NOTES

1. All dimensions are in mm and are approximate
2. Battery backup is designed and engineered to start the pumps one after the other.
3. Must be protected from weather and elements.

