

Prime Power HYDROGEN GENERATORS

The **HPOWERPRO** performs three essential functions:

- Base Load Power 50kW/h - 2MW/h
- Providing power continuity
- Power Plant Generating energy

HPOWERPRO Benefits:

- No more load shedding problems
- No diesel costs
- Bank approved finance deals (off balance sheet tax deduction)
- De-risk your Business with Zero downtime

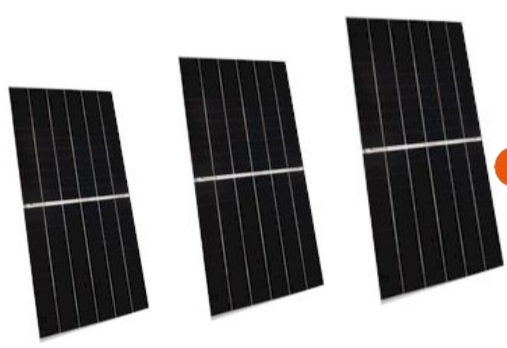
HPOWERPRO series systems' distinctive idea and design maximizes reliability and gives the customer the maximum possible uptime.

The **HPOWERPRO** series protects every possible and vulnerable load type automatically and seamlessly. Suitable for all industrial / commercial & retail use.

HPOWERPRO Requirements:

- Running business' with Eskom bill over 100k/month
- Water supply (municipal/grey/rain harvesting)
- 10 - 18 hour operations (remove std & peak tariff rates)

HPower Power Series - 50kW -> 350kW



SOLAR PV (OPTIONAL)

Solar PV Panel System to charge Solid State & Provide Power to **HPOWERFM** unit for the continues production of Green Hydrogen

HPOWER Fuel Maker

Hydrogen Production unit (Water Alkaline Electrolysis)
On Demand Fueling System



HPOWER Battery Pack

20kW Solid state Power Storage Unit.



HPOWERPRO Series Engines

CUMMINS HYDROGEN GENERATORS in 2 Sizes:

HPowerPRO-100 series:

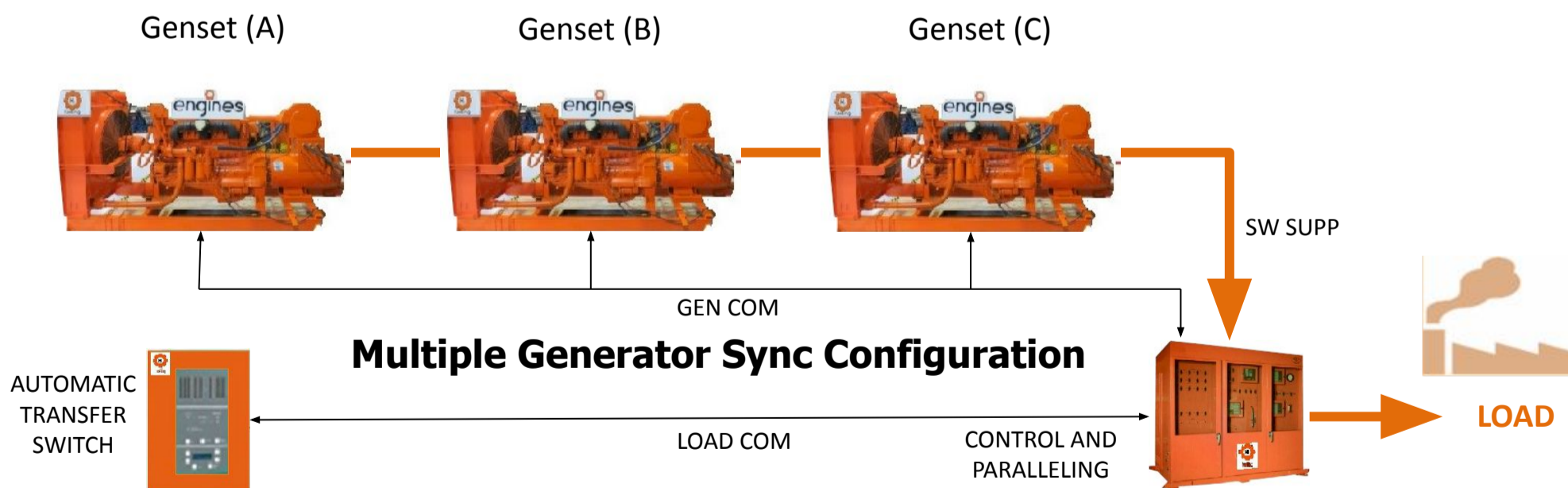
- 50kW (>23ltr/h H2O)
- 80kW (>37ltr/h H2O)
- 100kW (>46ltr/h H2O)

HPowerPRO-350 series:

- 250kW (>115ltr/h H2O)
- 300kW (>138ltr/h H2O)
- 350kW (>161ltr/h H2O)

Ensure unrivalled reliability, highest quality and most rigorously tested.

Hydrogen Gensets



HPower Power Plant Series - Scalable 400kW -> 2MW

