



MODEL: GEN30-60-S

# HYBRID POWER STATION

30 kVA of integrated diesel, solar, battery storage and hybrid inverter – engineered in one secure CRIXLEI POWER unit.



**30**

KVA RATED

**112**

KWH BATTERY MAX

**2375**

WP SOLAR

SOLD & SUPPORTED BY LIFT EQUIPT

[WWW.LIFTEQUIPT.COM.AU](http://WWW.LIFTEQUIPT.COM.AU)



DESIGN STANDARDS

# A NEW RANGE OF SECURE INTEGRATED HYBRID POWER.

The GEN30-60-S combines a diesel generator, solar array, battery storage and a hybrid solar inverter inside one secure CRIXLEI POWER unit – built to power residences, reduce dependence on mains supply and cut consumption costs.

BENEFITS

- Integrated installation, convenient storage and transportation
- Simple operation and easy maintenance
- Seamless changeover between power sources
- High return on investment and quick payback
- Power and capacity expandable to user needs

WARRANTY

**BATTERY PERFORMANCE**

Throughout 1.6 MWh/kWh, or 3 years after manufacture.

**GENERATOR**

24 months after manufacture or 1,500 hours running time.

GENERAL SPECIFICATION

PARAMETER	VALUE
System Rated Output Power	30 kVA
Rated Power Factor	0.8 lagging
Rated Output Voltage	380V @ 50/60Hz, 3ph.4W
Available Voltages	400 V & 415 V
Min. Battery Storage	80.4 kWh
Max. Battery Storage	112 kWh
Max. Solar Power	2375 Wp
Output Terminals	Copper Busbar
Output Sockets	Max. 4 sockets
Expand Dimension (W·D·H)	3980 × 5500 × 3350 mm
Loading Dimension (W·D·H)	3980 × 1680 × 2250 mm
Net Weight	4,000 kg
Loading Capacity 20' GP	1 unit
Loading Capacity 40' HC	3 units
Discharge Temp. Range	-20°C to 50°C

SOLAR PANEL

**2375W**

MAX POWER

- 475 Wp × 5 panels
- HJT high-efficiency cells
- Up to 21% efficiency

GENERATOR SET

**30 kVA**

PRIME POWER · 26 KW MAX

- KUBOTA / YANMAR / EU S5
- 350 L bunded fuel tank
- Low fuel consumption

ENERGY STORAGE

**80.4-112 kWh**

LFP (LIFEPO<sub>4</sub>) BATTERY

- Pack model MF51314 · 16.077 kWh
- Rack voltage 256 / 358 Vdc
- ≥ 4000 cycles @ 80% DOD

HYBRID INVERTER

**One Unit**

SOLAR · BATTERY · GRID · GENSET

- MPPT input max. 60 kWp DC
- AC I/O 3P + N + PE
- Peak 60 kVA (0.8 lead → 0.8 lag)

POWER PRIORITY LOGIC

**01**  
HIGHEST  
**PV**  
Take load / charge

**02**  
SECONDARY  
**Battery**  
Take load

**03**  
BACK-UP  
**Generator**  
Take load / charge



CRIXLEI

UNIT NET WEIGHT

**GEN30-60-S**

**4,000 kg**

PV

BATTERY

**INVERTER**

CLOUD

LOAD

GENERATOR