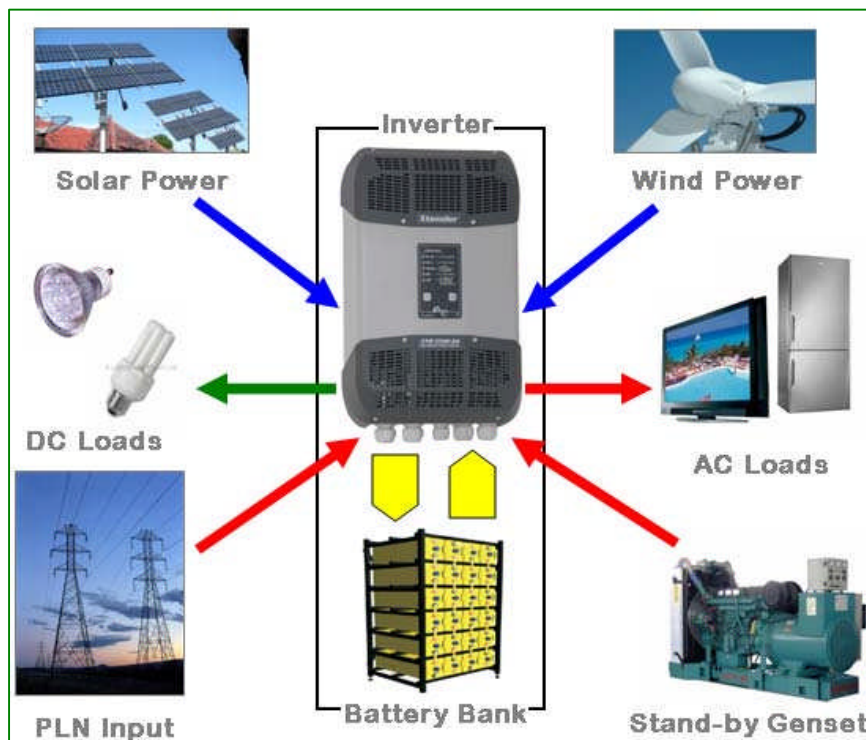




Contained Energy MultiPower Series

“Energy Solutions for Anywhere”



CLEAN POWER
GREEN POWER
SMART POWER

EXTRA POWER
BACK-UP POWER

RELIABLE POWER
STABLE POWER
QUALITY POWER
SILENT POWER
COOL POWER

REMOTE POWER
ISLAND POWER
VILLAGE POWER
RESORT POWER
VILLA POWER
HOME POWER

SOLAR POWER
WIND POWER
HYDRO POWER

We have sourced the best, smartest and most reliable components from leading suppliers and brands, and have packaged them into **robust power** systems to create the new and unique MultiPower Series of energy solutions.

MultiPower units combine input from grid, genset, solar, wind and other energy sources, with chargers, batteries and inverters, integrated with user-friendly control- and monitoring systems, to provide **quality power** as, when and where required.



Input

- Low-quality AC from Utility Grid or Genset
- Solar Energy from Solar PV Arrays
- Wind Energy from small Wind Turbine
- Hydro Energy from small Stream Turbine

Chargers

- High-capacity Battery Charger
- Solar Charge Controller
- Wind/Hydro Charge Controller (optional)

Storage

- For UPS and back-up applications: Deep-Cycle Stand-by Batteries (1000 cycles with 80% discharge)
- For daily cycling applications: Cycling Batteries (3500 cycles with 50% discharge)

Output

- **High-quality stabilized** 220V/50 Hz AC for all types of AC loads, including highly sensitive ones.
- 12V, 24V DC for lighting, pumps, fans and other DC loads

Control and Monitoring

- Userfriendly controls and monitoring
- Optional Remote Controls
- Optional Remote Monitoring

Integration

- Modules, sub-modules and sub-sub-modules for easy swap-outs and upgrades.
- Optional Cabinets
- Scalable

Maintenance and Service

- Most modules maintenance-free, some modules easily 'swappable'
- Most modules 'swappable' by 'handyman'
- Long warranties on modules
- Super-fast Spare and Replacement Service (with optional guaranteed-service contract)



Options

Cabinets

- Sturdy, weather-proof, corrosion-proof, aluminium frame on caster wheels, thermostatic ventilators, rails for module-racks
- Steel cabinet for indoor installation, lockable, glass ports, thermostatic ventilators, rails for module-racks

Solar Arrays

- Variety of solar PV arrays, on marine-grade aluminium mounting frame, with or without array 'pointer'.
- For battery charging or direct grid-feed

Wind Turbine – VAWT

- Small 'urban' wind turbine with pole- or roof-mount and charge controller for battery charging

Wind Turbine – HAWT

- Variety of wind turbines from 400 Wr up to 10,000 Wr for battery charging or direct grid-feed.

Hydro Turbine

- Small 'in-stream' hydro turbine for battery charging

LPG Genset

- Range of quiet, clean, LPG or CNG gensets, from 2 kVA to 60 kVA

Biodiesel Genset

- Range of (bio)diesel gensets, from 2 kVA to 60 kVA

DC Lighting

- Range of 12V DC lamps, fittings and cabling system, CFL or LED

DC Pumps

- Booster pumps, pond pumps, well pumps with energy-efficient DC motors.

Other DC Appliances

- Entertainment equipment, satellite/internet receivers, blenders, coffee makers, microwave ovens, and more....
- DC Fridges and Freezers
- DC Cold Storage
- DC Ceiling Fans
- DC Air Conditioning
- DC Air Compressors
- DC Watermakers



Specifications

Unit	Nominal Power (Watt)	Peak Power (30')	Back-up (kWh)	Charge r (A)	Battery Bank (AH/V)	Optional Solar Charger (A/V)	Optional Solar Array (Wp)	Optional Wind Turbine (Wr)	Price (US\$)
• SMALL									
CE MultiPower 1000/2	1000	1400	2	45	200/12	20/12	2 x 125	100/400	4,650
CE MultiPower 1000/4	1000	1400	4	45	400/12	20/12	2 x 125	100/400	5,550
CE MultiPower 1000/8	1000	1400	8	45	800/12	20/12	2 x 125	100/400	9,750
CE MultiPower 2000/3	2000	2600	3	55	175/24	30/24	6 x 125	400/900	6,000
CE MultiPower 2000/6	2000	2600	6	55	350/24	30/24	6 x 125	400/900	7,500
CE MultiPower 2000/12	2000	2600	12	55	700/24	30/24	6 x 125	400/900	10,500
CE MultiPower 3000/4	3000	3500	4	75	200/24	45/24	12 x 125	900	6,525
CE MultiPower 3000/8	3000	3500	8	75	400/24	45/24	12 x 125	900	11,625
CE MultiPower 3000/12	3000	3500	12	75	800/24	45/24	12 x 125	900	16,500
• MEDIUM									
CE MultiPower 4500/5	4500	5000	6	100	350/24	60/24	24 *125	900/3000	9,289
CE MultiPower 4500/10	4500	5000	10	100	600/24	60/24	24 *125	900/3000	16,789
CE MultiPower 4500/20	4500	5000	20	100	1200/24	60/24	24 *125	900/3000	25,789
CE MultiPower 7000/10	7000	8000	12.5	110	350/48	60/48	48*125	900/3000	21,048
CE MultiPower 7000/20	7000	8000	28	110	800/48	60/48	48*125	900/3000	31,848
CE MultiPower 7000/50	7000	8000	57	110	1600/48	60/48	48*125	900/3000	53,448
• LARGE (3-phase)									
CE MultiPower 10000/--	10000	12000	custom	195	custom	custom	custom	custom	On request
CE MultiPower 15000/--	15000	18000	custom	300	custom	custom	custom	custom	On request
CE MultiPower 100000/--	100000	TBD	custom	TBD	custom	custom	custom	custom	On request