Webpro

Modular UPS System
25kVA/kW to 250kVA/kW

- True Modular Capabilities
- Delivers 25-250KVA/KW
- The Highest Power Density & the Smallest Footprint
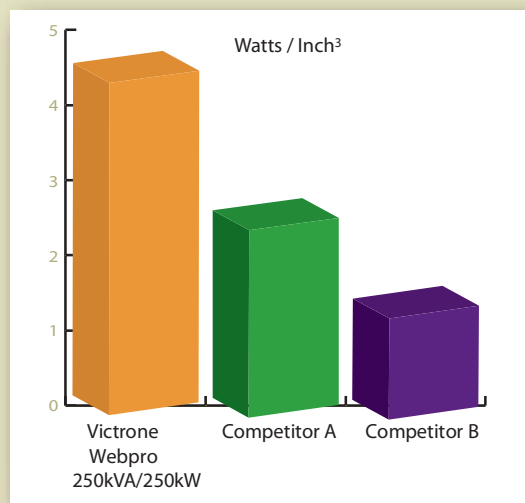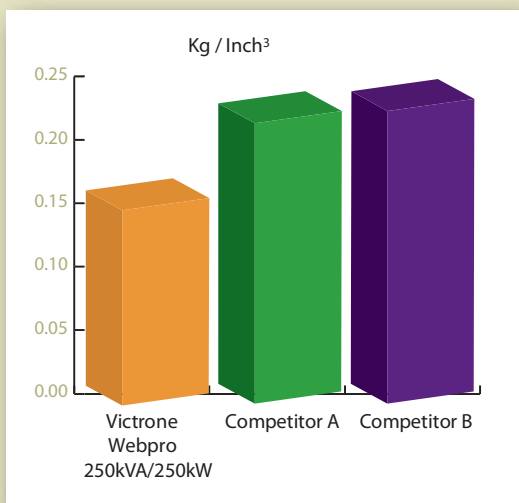- Maximum Availability and Minimal Downtime

AC INPUT

AC OUTPUT

ALARM

victrone

Victrone brings a new paradigm to the field of uninterrupted power supplies with the Webpro UPS. This truly modular UPS 250KVA/KW delivers maximum power with the smallest footprint available on the market.

The Highest Power Density / Smallest Footprint

Victrone's studies have shown that the issue of space requirements in today's world is critical. Webpro delivers extremely high power density = 6W/ inch^3.   Webpro modules are each 25KVA/KW 3U and saves space in data centers, IT rooms and other critical hosted sites.
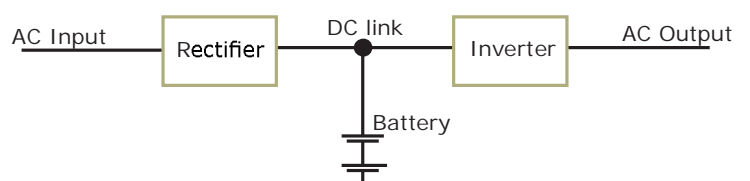

Unique Design and Engineering

Webpro offers an "all-contained" original and proprietary design, where all connections and cables are internal. Minimal access to the sides and rear of the unit is required – FRONT access only. Webpro unique mechanical design provides 250KW capacity modular UPS in one rack. This represents a new standard, above all other available solutions on the market.

Webpro Double Conversion True On-Line Battery (VFI)
According to IEC 62040-3

Complying with international standards such as the IEC-62040-3, and the highest classification VFI-SS-111, the Webpro features galvanic battery connection between the rectifier output and the inverter input on a common DC link.

Webpro is a True Redundant UPS

True N+1 redundancy of 25KW modules provides several critical advantages, including:

Highest level of load availability: Even if a module fails for some reason, it will not influence the UPS system operation and load availability. The system will continue to work regularly.

Flexible scalability: Webpro ensures future growth with load increase with a wide power capacity range: from 25 to 250KVA/KW. This scalability feature enables the user/designer unprecedented flexibility to correctly size the UPS for today, next month, next year, etc. (There is no need to supply spare UPS capacity in advance; only what the user/designer currently needs.)

Minimal maintenance: Webpro delivers almost zero MTTR (Mean Time To Repair), which results in the best service with minimal costs.

Minimal Maintenance / Minimal Down Time

Webpro offers a truly modular configuration with minimized losses of the load. Each 25KVA/KW module is entirely self-contained and ready for hot-swapping – without requiring complex and expensive stocks of components, subsystems, and spare parts. At any time, without shutting the entire unit down, any module can simply be hot-swapped with another. This enables Mega Power+ to service critical applications and data centers that cannot afford any downtime.
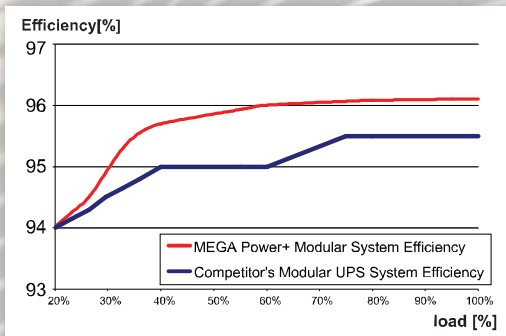
Unity Output Power factor

Webpro performs unity output PF 250kVA = 250kW. The UPS is perfectly suitable for capacitive loads, such as blade servers with lower power factor.
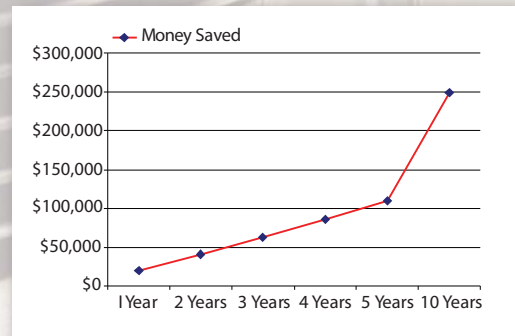
Webpro Green Power is our Priority

Victrone understands that energy-savings is not only a matter of cost-savings, but also of social responsibility. Webpro's clean and globally responsible energy technology meets and exceeds power requirements, while minimizing environmental impact.

Webpro High Efficiency UPS

Webpro delivers the highest efficiency rate .
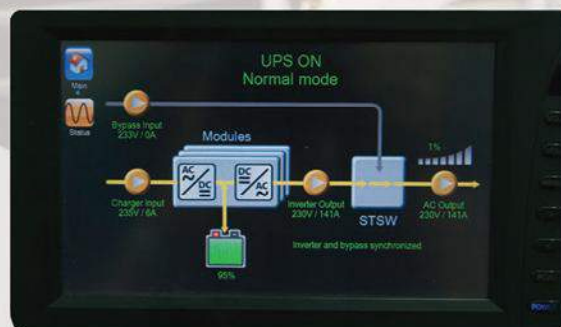At an efficiency rate of 96%, Webpro provides significant energy and cooling savings.

Mega ROI (Return On Investment)

Calculations based on USA electricity cost

Mega Pay back time = 1.5 Years

Webpro User-Friendly Controller

Each Webpro features a unique and proprietary Controller, which is the user's main interface with the Webpro. The Controller features a colored, touch-sensitive screen which enables the user to navigate through the system screens by pressing various icons. Multilanguage functions allow simple usage worldwide. The Controller is not a failure point and UPS operation is not interrupted if the Controller is removed. Its interface offers up-to-the-minute, intelligent monitoring of all UPS parameters including intelligent battery monitoring functionality, system voltage, temperature etc. Each system element has its own Control and History Log. Built in SNMP/TCIP & optional GPSR/SMS interface provides complete control over unit's operation without installing software or using dedicated computers or control hardware.

Webpro
Single UPS 25 kW Module Specifications

	Topology	On line Battery, Double Conversion, VFI
	Construction	Modular parallel hot-swapped modules
	Operation	Continuous
INPUT	Voltage	3X400 V +N
	Voltage range	-20 % and +15 %
	Current	3x42 A per module - no inrush current at startup
	Frequency	47÷63 Hz
	Power walk-in	< 60 s
	Power factor	0.99
	THDI	< 3%
OUTPUT	Rated power	25 kVA/25 kW to 250 kVA/250 kW
	Frequency (in free-running mode)	50/60 Hz ±0.1 %
	Frequency tracking range	±1 Hz, ±2 Hz, ±3 Hz (selectable)
	Slew rate	1 Hz/sec
	Voltage	3x400 V +N
	Static regulation	±1 %
	Regulation for unbalanced load	±1 % for 100 % unbalanced load
	Dynamic response to 100% load step	±2 %
	Overload	110 %: 10 minutes, 125 %: 60 seconds, 1000 %: 1 cycle
	Waveform	Sinusoidal
	THD	Less than 2 % for linear load
	Load CF (max)	6:1
	Ac-Ac efficiency (nominal)	Up to 96 % at full load
	Dc-Ac efficiency (nominal)	Up to 98 % at full load
BATTERIES	Dc-link voltage	±340 V to ±432 V
	Quantity	64x12 V
	Type	Sealed, lead acid, rechargeable
DISPLAY		TFT LCD color monitor 7" with touch screen
GENERAL	Maximum power dissipation (Po=25kW)	N*1315 W (N*4487 BTU/hr)
	Ambient temperature	-10 °C to +40 °C (operating); -20 °C to +60 °C (storage)
	Relative humidity	95 % max non-condensing
	Altitude	1500 m without derating
	Enclosure	IP20
	Cooling system	Multi-fan with speed control (forced)
STANDARDS	EMC	EN50091-2 Class A; IEC 62040-2 Class A
	Design	EN50091-3; IEC 62040-3
	Safety	EN50091-1; IEC 62040-1-1
	Low magnetic field radiation	EMF as per ICNIRP

DIMENSIONS	UPS type (kW)	25	50	75	100	125	150	175	200	225	250
	Height (cm)					197					
	Width (cm)					67					
	Depth (cm)					63					
	Weight (Kg)	152	184	216	248	280	312	344	376	408	440
ACOUSTIC NOISE	Noise (dBA)with half load	48	52	53	54	55	55.8	56.4	57	57.5	58
	Noise (dBA) with full load	51	54	55	57	58	58.8	59.4	60	60.5	61

Webpro has been granted
a United States Patent.
Patent No. US D606,018 S.

Webpro has been
recorded in the Register of
Community Designs and
registered with the OHIM -
Office for Harmonization in
the Internet Market.

Webpro Applications

Modular and advanced, Mega Power+ solutions are an excellent choice for:

• **Local Area Networks** • **Servers** • **Data Centers** • **Point of Sale Applications** • **Telecom Facilities** • **Medical Equipment** • **Industrial PLCs**

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PT. PITAMAS DATA SEMPURNA

BizPark Commercial Estate A3/3
Jalan Raya Bekasi km.21,5
Jakarta 13920, Indonesia

Tel: +62 21 4682 7000   Fax: +62 21 4682 9200

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