



BRAGA MORO
SISTEMI DI ENERGIA

96%
Efficiency

Three Level Rec
Inverter Technol
Ultra High Energ



High efficiency and low Total Cost of Ownership

PERSEUS HE series reduces the consumption of electricity to power loads, thanks to the high efficiency > 96%.

High efficiency allows:

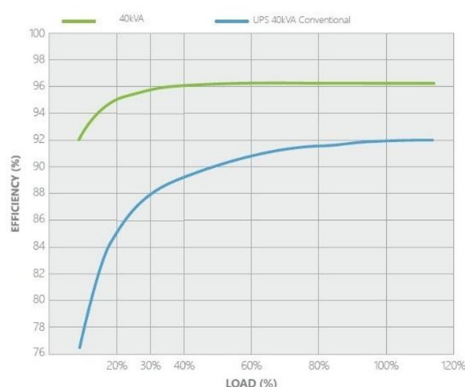
Reduction of energy losses;

Reduction of electricity used to condition technical rooms;

Reduction of UPS operating costs.

Power factor = 1

A power factor 1 (kVA = kW), provides up to 25% more active power, compared to a traditional UPS. Suitable for modern power supply applications with unit or capacitive power factor (for example generation of new servers) without any reduction of active power from 1 to 1 delayed.



CARATTERISTICHE PRINCIPALI

- On-Line double conversion (Class VFI-SS-111)
- Power factor 1 (kVA=kW)
- Transfer time 0ms
- PFC e DSP technology
- High efficiency (>96%)
- Low input current distortion THD (<3%)
- Two separate inputs
- Manual and static Bypass
- Possibility to put in parallel up to 8 UPS
- Fully digital control
- ECO Mode
- Protection against overload and short circuit
- SNMP card and dry contacts (Optional)
- Communication ports: USB, RS232, RS485

UPS PERSEUS HE 10kVA÷600kVA

Tower on-line double conversion – Three phase

Capacity	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA	200 kVA	250 kVA	300 kVA	400 kVA	500 kVA	600 kVA
	10 kW	15 kW	20 kW	30 kW	40 kW	60 kW	80 kW	100 k W	120 k W	160 k W	200 k W	250 k W	300 k W	400 k W	500 k W	600 kW
INPUT																

Nominal voltage	280/380/400/415Vac, (3Ph+N+PE)																
	40Hz-70Hz																
Power factor	≥0.99																
Rectifier	IGBT																
Harmonic distortion (THDi)	<3%																
OUTPUT																	
Rated voltage	220/230/240/380/400/415Vac, (3Ph+N+PE)																
Efficiency	96% - 98% Eco Mode																
Voltage regulation	±1%																
Crest factor	3:1																
THDv	Linear Load <2%																
	Non-Linear Load <5%																
Output Frequency	50Hz +/- 0,5% (Sync) ; 50Hz +/- 0,2% (Batt)																
BATTERY																	
Battery voltage settings	12V DC VRLA 2x31																
Battery	Advanced Battery Management (Charge Value 0,1C Adjustable)																
Communication interface	RS232, RS485, Parallel, Intelligent slot, Relay card(optional), SNMP card (optional)																
ENVIRONMENTAL																	
Operating temperature	0°C ~ 40°C (Ups) - 0°C ~ 25°C (battery)																
Storage temperature	15°C ~ 45°C (Ups) - -10°C ~ 60°C (battery)																
Humidity range	0 ~ 95% (non Condensing)																
Altitude	< 1000m correction factor 1 <2000m correction factor 0,92 <3000m correction factor 0,84																
Isolation Transformer	optional																
PHYSICAL																	
Net Weight (kg)	100	100	107	118	125	260	270	350	355	475	485	650	700	850	1350	1400	
Dim W× D×H (mm)	460x805x1190						765x770x1705			810x820x1705			1480x850x1790			1830 x 863 x 2010	
STANDARDS																	
Safety & Performance	IEC/EN62040-1 & 2,IEC/EN60950-1, IEC/EN62040-3 (VFI SS 111Type) , EN60950																

Via San Gregorio 12 – 20124 Milano – Ital

