



## UPS PERSEUS PLUS II (10kVA – 40kVA)



The New series **Perseus Plus II** it is ideal for the protection of Mission Critical systems both in the field of telecommunications and computer networks, where risks associated with power supply can compromise service continuity with obvious risks for users and high costs.

The series is available in models from 10kVA to 40kVA with three-phase input and output, with double conversion On Line technology, as defined by the IEC EN 62040-3 standard.

The new series **Perseus Plus II** it has been further developed to obtain even more power available with an output Power Factor equal to 1 (kVA=kW) and thus obtain greater performance; in tower execution it is designed and built with latest generation technologies and components, to guarantee maximum protection of the powered users, no impact on the power supply line and energy saving.

### MAIN FEATURES

- 3 On-Line double conversion
- 3 Switching time 0ms PFC and DSP technology
- 3 Power Factor = 1
- 3 Fully digital control (Rectifier, Inverter, Battery Charger)
- 3 ECO Mode
- 3 Wide Parallel input range
- 3 Possibility to optimize the battery pack
- 3 External Power Off (EPO) function
- 3 SNMP and Alarm Contact Card (Optional)
- 3 Communication ports: USB, RS232, RS485, Dry Contact, parallel port
- 3 Automatic device shutdown and management software via SNMP (compatible with Windows and Linux)



MODEL	Perseus Plus II 10kVA 10kW	Perseus Plus II 15kVA 15kW	Perseus Plus II 20kVA 20kW	Perseus Plus II 40kVA 40kW
Capacity				
<b>INPUT</b>				
Nominal voltage	380/400/415Vac, (3Ph+N+PE)			
Operating voltage range	208-478Vac			
Operating frequency	46-54Hz at 50Hz/56-64Hz at 60Hz (auto sensing)			
Power factor	≥0.99			
Harmonic distortion	≤5% (100% non-linear load)			
Bypass voltage range	220Vac Max.voltage: +25% 240Vac Max.voltage: +15%		230Vac Max.voltage: +20% Min.voltage: -45%	
Generator input	Frequency synchronize tracing range: ±10%			
Generator input	Supported			
<b>OUTPUT</b>				
Output voltage	380/400/415Vac, (3Ph+N+PE)			
Voltage regulation	±1%			
Power factor	1			
Output frequency	1.Line Mode: synchronize with input; when input frequency > ±10% (±1%/±2%/±4%/±5% optional) 2.Battery Mode:(50/60±0.1)Hz			
Crest factor	3:1			
Harmonic distortion (THD)	≤2% with linear load ≤5% with nonlinear load			
Efficiency	95.5% (AC Mode) 98.5% (Eco Mode)			
Battery voltage	from 240Vdc to 384Vdc			
Charge Current(A)	recharge current can be set according to battery capacity installed, max 10A			
Battery configuration	20pcs 12V 9Ah	32pcs 12V 7Ah	32pcs 12V 9Ah	64pcs 12V 9Ah
<b>SYSTEM FEATURES</b>				
Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms			
Overloaded	Load ≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, ≥150% change to bypass.			
Alarm	overload, utility abnormal, UPS fault, battery low, etc.			
Protection	short circuit, overload, over temperature, battery low, fan fault alarm.			
Communication	USB, RS485, Parallel port, Coupler dry contact, Intelligent slot SNMP card (optional), Relay card (optional)			
Input/Output connection	Screws			
<b>ENVIRONMENTAL</b>				
Operating temperature	°C °C			
Storage temperatures	°C °C			
Humidity range	0~95% (non-condensing)			
Altitude	< 1500m.When>1500m,lower the rated power for use			
Noise level	<60dB	<65dB	<65dB	<70dB
<b>PHYSICAL</b>				
Dimension D×W×H (mm)	630 x 250 x 826			815 x 300 x 1000
Net weight (kg)	124	139		250
<b>STANDARDS</b>				
Safety & performance	IEC/EN62040-1 & 2,IEC/EN60950-1, IEC/EN62040-3			

