

// **ARES** **DSP-Controlled** **On-Line UPS** / **ARES 1K Series**



- True On-Line Double Conversion Topology
- Advanced Digital Control Technology
- Wide Range Input Window from 160V-275Vac
- Active Harmonic Current Control
- Multi-Mode Operation
- Smart Cooling Fan Design
- Personalization & Intelligent Self-diagnostic
- Easy Program Upgrade

Ares Series Specifications

MODEL		ARES 1K
Input	Voltage	160Vac--275Vac
	Frequency	45Hz ~ 65Hz (Auto Sensing)
	Phase	Single + G
	Power Factor	≥0.99 at Linear Load
Output	Voltage	220/230/240 +%1
	Capacity	1000VA/900W
	Frequency (Synchronized Range)	3Hz or 1Hz(Selectable)
	Frequency (Battery Mode)	50Hz/60Hz ± 0.1% Unless Synchronized to Line
	Current Crest Ratio	3:1
	Harmonic Distortion	< 3 % (at Full Linear Load)
	Output Waveform	Pure Sine Wave
	Transfer Time(AC to DC)	0 ms
	Efficiency	90% (Line Mode)
	DC start	Yes
Battery	Number of Batteries	2
	Type	Sealed Lead Acid Maintenance Free
	Capacity	12V/9AH
	Rated Battery Voltage	24Vdc
	Recharge time (to 90%)	3~6 hours
Display	LED	Standard
	Standard	Load Level/Battery Level/ Battery Mode/ Normal Mode/Bypass Mode/ Self-Test/ Weak/Bad Battery/Site Wiring Fault/ Fault/ Overload
	Self Diagnostics	Front Panel or Software Control
	Button	ON/Alarm Silence Button/ OFF Button/ Test/Level Button
Alarm	Audible and Visual	Line Failure, Battery Low, Overload, System Fault Conditions
Protection	Over Temperature	Bypass or Shutdown Immediately
Physical	Dimensions (WxHxD, mm)	236x144x367
	Outlet	Two pcs schuko
Environmental	Operation Temperature	0 to 40°C
	Noise Level	<50dBA
	Altitude	1000m without De-Rating
	Humidity	0 to 90% (Without Condensation)
Interface	Interface Type	RS232
	Compatible Platforms	Microsoft Windows series, Linux, Mac, etc.

* Specifications subject to change without notice.

