



Arplus-Eco

True Online Double Conversion UPS

ARES PLUS ECO RT

Ares Plus ECO has a number of smart features that increase battery life. Thanks to the new battery discharge protection control function, it is perfect for applications in PCs, Servers, Medical Equipment and Telecommunications.

DISCHARGE LEVEL CONTROL

- 1) Set the battery discharge percentage (3-100%)
- 2) When the UPS is in battery mode, it stops at the set discharge level
- 3) The UPS will be able to cold start with the pre-programmed battery reserve.



SERVER



NETWORKS



SUB STATIONS



HEALTH



AUDIO/VIDEO

Rear view:

1 Kva



2 Kva



3 Kva



Highlights:

- OnLine Topology provides the best protection.
- DSP control offers more functionality and precision
- Wide voltage range increases battery life
- Active current harmonic control keeps power lines clean.
- Intelligent silent cooling design.
- Programmable backup time estimation.
- Multiple mode of operation for better adaptability.
- Option for external battery banks.
- Easy operating system update. extends the life of the UPS.

Specifications

MODEL		ARPLUS-ECO1002RT	ARPLUS-ECO2002RT	ARPLUS-ECO3002RT	
Input	Input voltage	208/220/230/240 Vac			
	Voltage range	90~275 Vac			
	Frequency range	40~70 Hz			
	THDi	≤5%			
	Power factor	>0.99%			
Output	Capacity	1000VA/900W	2000VA/1800W	3000VA/2700W	
	Voltage	20/220/230/240 Vac			
	Power factor	0.9			
	Regulation	±1%			
	Frequency range	50/60±4 Hz (Sync mode) 50/60 Hz ±1% (Fix frequency mode)			
	Crest factor	3:1			
	Overload	100~105% continuous, 106~125% ≤60 seg. 126~150% ≤30 seg. The recovery point is 70%			
	Armonic distortion THDv	< 2% with linear loads			
Wave form	Pure Sine Wave				
Outlets	NEMA type	4- IEC-C13 1- IEC-C14	4- IEC-C13 1- IEC-C14	4- IEC-C13 1- IEC-C19 1- IEC-C20	
	Efficiency	Line mode	89%	89%	90%
Battery	Number / Capacity	2- 12 Vdc/9 Ah	4- 12 Vdc/9 Ah	6- 12 Vdc/9 Ah	
	System voltage	24	48	72	
	Back up time	5 min full load / 12 min half load			
	Recharge time (to 90%)	5 hours			
Panel	LCD measurement	Voltage / Frequency / Charge level / Battery level / Output current / Autonomy			
	Auto diagnostic	Upon power up, Program settings and control, real-time check			
Alarm	Audio visuals	Line Failure / Low Battery / Transfer to Bypass / System Failure			
Protection	Total protection for	Overload, Over temperature, Short circuit, Discharge, Over-charge.			
Function	Multiple modes	Adaptive/ ECO/ 50 or 60 Hz CVCF (Constant voltage constant frequency)			
	Coold start	Yes			
Physicals	Dimentiones (WxHxD)	Inches	17.4 x 3.5 x 17	17.4 x 3.5 x 17	17.4 x 3.5 x 25.4
		mm	439 x 88 x 428	439 x 88 x 428	439 x 88 x 640
	Net weight Kgs/Lbs.	13 / 28.6		18.5 / 40.7	21.9 / 48.2
Enviroment	Operatin temperature	0~40°C / 32~104°F			
	Noice	≤50 dBA @ 1 meters in front			
	Altitud	3000 mts.			
	Humidity	0%~95%RH (non-condensing)			
Interface	Standar	RS232, USB, EPO, ROO, intelligent slot.			
	Opcions	RS-485 cards (Modbus), Dry contact, SNMP/WEB, Environmental, WIFI, SMS.			
	Compatible plataforms	Microsoft Windows series, Linux, Mac, HID Compliance, etc.			
Standar and Certifications	Sefety	UL1778			
	EMC	FCC Class A			
	Marks	cTUVus, FCC			

*Specifications subject to change without notice.