AKLS-RM Series

Rack-Mounted Line-Interactive UPS (Pure Sine Wave)

▼ Main Features

- Pure sine wave output
- Double CPU controlled
- G-Sensor autorotation LCD display
- Extensible battery pack
- Powerful charging function(Self settable)



▼ Technical Parameter

MODEL AKLS-	RM-1K/RM-1KL		RM-1.5K/RM-1.5KL		RM-2K/RM-2KL		RM-3K/RM-3KL		RM-5K/RM-5KL	
Capacity	1000VA/800W		1500VA/1200W		2000VA/1600W		3000VA/2400W		5000VA/4000W	
DISPLAY										
Indicator panel	LCD display									
AC MODE										
Input voltage	145-275Vac / 88-145±5(Vac)									
Input frequency	45-65Hz									
Output voltage	200-240Vac / 102~133±5(Vac)									
INVERTER MODE										
Output voltage	220V ± 5% / 115V ± 5%									
Output frequency	50 ± 1%Hz / 60 ± 1%Hz(Auto sensing) / 60Hz ± 0.5Hz									
Power factor	0.8									
Output wave form	Pure Sine Wave									
Transfer time	Typical 2-6ms,10ms max									
Overload capability	110% shut down within 60secs. 120% shut down within 5secs.									
Overcurrent protection	System shuts down automatically within 20ms									
BATTERY										
Battery type	Sealed maintenance-free lead-acid batteries									
DC voltage	DC 24V				DC 48V				DC 48V	
QTY. & capacity of battery	12V/7AHx2	----	12V/9AHx2	----	12V/7AHx4	----	12V/9AHx4	----	12V/9AHx4	----
External DC voltage	----	24VDC	----	24VDC	----	48VDC	----	48VDC	----	48VDC
Charging current	Long back up time models: 5A or 10A(Adjustable)									
Charging period	Standard type models:6-8 hours recover to 90% capacity;Long backup time models:Depends on the batteries connected.									
PHYSICAL										
Dimension(mm)	450×440×88				530×440×88	450×440×88	530×440×88	450×440×88	466×438×129	
Net weight(kg)	16.2	13.5	19.2	16	26.6	18.6	28.5	20.5	39	30.8
ENVIRONMENT										
Environment	Temperature 0°C-40°C,Humidity 20%-90%									
Noise level	≤40dB(1m)									
Altitude	≤1000 m (Altitude exceeds 1000m, full power cannot reach)									
MANAGEMENT										
USB & RS232	Optional									
BATTERY PACK	12V/7AHx8			12V/9AHx8			12V/9AHx12			
Dimension(mm)	450×440×88				530×440×88	450×440×88	530×440×88	450×440×88	466×438×129	
Net weight(kg)	24.5			27.4			42.6			

Product specifications are subject to change without notice. Note: Models with an "L" suffix are long backup time models.