

POWERCOM KAL Series

Features

- Line interactive design
- Extended backup time up to 2 hours
- UPSMON Software included
- Boost and buck AVR (Auto Voltage Regulation)
- Cold start function (DC power on)
- Advanced battery management (ABM technology)
- Battery charging in UPS OFF Mode
- Charger Capacity 2.6 AMP
- Can connect from 26AH to 42 AH Batteries

Model		KAL300A	KAL500A
Input	Capacity	300VA / 180W	500VA / 300W
	Voltage	230V	230V
Output	Frequency	45-65Hz	45-65Hz
	AVR	140V-300V	140V-300V
	Generator Compatible	Yes	Yes
	Connection	3 Pin 10A, Indian Plug, 1.5 mt wire	
	Voltage on mains	230V ±10%	
	Frequency on mains	Follows Input	
	Voltage on Battery	230V ±5%	
Protection	Freq on Battery	50 Hz ±0.5%	
	Waveform	Quasi sinewave	
	Power Factor Lagging	0.6	
	Efficiency	>87%	
	Sockets	2 x 5 pin Indian	
	Input Prot	5A CCT breaker	
	O/p Short cct	UPS output cutoff immediately	
Transfer Time	O/p overload shutdown	110% for 3 min 150% for 3 sec	
	Spike	420j	
Battery	Mains to Inverter	4-8 ms	
	DC Bus	12V	
	Internal Battery	Nil	
	External Battery	Connector & Cable for additional ext batt connection	
	Protection	Auto Discharge Protection	
	Typical Recharging Time	6 hrs (to 90% full capacity), 2.6A fast charger	
	Backup time on PC with 15" monitor	upto 2 hours	
Indications	Power ON	LED steady	
	Inverter ON	LED blink	
Alarm	Battery Backup	Slow beeping sound (about 0.47 Hz)	
	Battery Low	Rapid beeping sound (about 1.8 Hz)	
	Overload	Continuos beeping sound	
Interface	10 base T Port	Optional	
	RS-232	Optional	
	UPSMON	Optional	
Environment	Ambient Operation	0-40°C, 0-95% humidity non condensing, 3500 meter max.	
	Audible Noise	<40DbA (1 meter from surface)	
	Storage Condition	15,000 meter max. elevation	
Physical	Weight	8 Kgs	10 Kgs
	Dimension - WxDxH (mm)	130 x 290 x 192	130 x 290 x 192