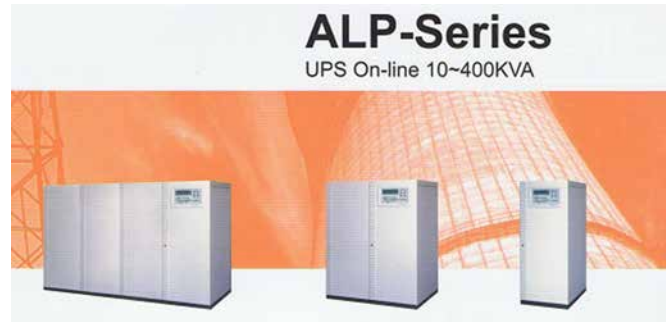


PowerMaster

ALP Galvanic Isolated UPS



PHASE		3-Phase Input / 3-Phase Output													
KVA		10	20	30	40	50	60	80	100	120	160	240	320	400	
INPUT (RECTIFIER)															
Input Voltage		200V / 208V / 220V / 380V / 400V / 415V / 440V / 480V, 3p4w or 3p3w													
Input Range		+ / - 20% (> +/- 20% is available upon request)													
Input Frequency		50 / 60 Hz + / - 5Hz													
Power Walk In		0% - 100% : 20 sec													
Efficiency		> 98%													
Voltage Regulation		+ / - 1%													
BATTERY															
Battery Type / Pcs		Maintenance free lead-acid batteries / 12V x 29pcs													
Maximum Charge Current Adc (Selectable)		5	10	15	20	25	30	40	50	60	80	120	160	200	
Battery Start		UPS can be started without AC source													
INVERTER															
Output Voltage		200V / 208V / 220V / 380V / 400V / 415V / 440V / 480V, + / - 1%, 3p4w or 3p3w													
Wave Form		Sine Wave													
Output Power Factor		0.8													
Frequency Lock Range		50 / 60 Hz + / - 3Hz													
Output Frequency (Free Running)		50 / 60 Hz + / - 0.1 Hz													
Backup Time		10 min. at full load													
Phase Shift Under 100% Unbalance Load		< 0.5°													
THD (Linear Load)		< 2%													
Overload	<110%	Continuous													
	110 - 125%	15 minutes													
	125 - 150%	10 minutes													
	> 150%	30 seconds													
Efficiency (100% Load)		93%		93.5%		94%		94.5%		95%					
STATIC SWITCH															
Voltage Range		173-277 VAC (L-N)													
Mains ↔ Inverter		0 ms													
OVERALL CHARACTERISTICS															
Overall Efficiency		91%		91.5%		92%		92.5%		93%					
Maximum Heat Dissipation (Kw)		1.1	1.3	1.9	2.6	3	3.5	4.6	5.4	6.5	8.7	13	17.4	21.7	
Height x Width x Depth (mm)		1600 x 550 x 800						1600 x 1100 x 800				1600 x 2200 x 800 w3300 [400K]			
Weight (Kg, without battery)		270	300	400	480	550	680	820	950	1180	1450	2900	3100	3500	
Audible Noise		< 65 dBA (At 1 M)						< 67 dBA (At 1 M)				< 70 dBA (At 1 M)			
Temperature		0 to 40° C (32 to 104° F)													
Humidity		0% - 90% (Non-Condensing)													
Altitude		<1500 M Above Sea Level													
FCC CLASS A, EN50091-1,-2		YES													
Short Circuit Protection		YES													
Lightning / EMC Filter		MOV / Input & Output (FCC CLASS A)													
Galvanic Isolation		Input & Output true Galvanic isolation													
Indicator & Alarm		LCD, LED, Mimic Display, Buzzer													
Remote Control / Communication Interface		Monitoring 1~99 UPS simultaneously/ Dry contact, RS232, RS485													

. Different specifications required are available.

. All specifications mentioned above are subject to change without prior notice

有限会社東江物産

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