




Technical Specification

PHASE	3-Phase Input / 3-Phase Output													
KVA	10	20	30	40	50	60	80	100	120	160	240	320	400	
Picture														
INPUT (RECTIFIER)														
Input Voltage	/415V /440V /480V / 600V, 3P4W or													
Input Range	request)													
Input Frequency	50 / 60 Hz + / - 5Hz													
Power Walk In	0% - 100% : 20 sec													
Efficiency	> 98%													
Voltage Regulation	+ / - 1%													
BATTERY														
Battery Type / Pcs	12V x 29pcs													
Maximum Charge Current Adc (Selectable)	5	10	15	20	25	30	40	50	60	80	120	160	200	
Battery Start	source.													
INVERTER														
Output Voltage	/440V /480V /600V, 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													
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%	93%	93.50%	93.50%	94%	94.50%	94.50%	95%	95%	95%	95%	95%	
STATIC SWITCH														
Voltage Range	173-277 VAC (L-N)													
Mains ???u Inverter	0 ms													
CHARACTERISTICS														
Overall Efficiency	91%	91%	91%	91.50%	92%	92%	92.50%	92.50%	93%	93%	93%	93%	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	21.1	
(mm)	1600 x 550 x 800						1600 x 1100 x 800				1600 x 2200 x 800		33200 x	
Weight (Kg, without battery)	300	350	400	480	550	680	820	950	1180	1450	2950	3100	3500	
Audible Noise	< 65 dBA (At 1 M)						< 67 dBA (At 1 M)				< 67 dBA (At 1 M)		dBA (At	
Temperature	0 – 40°C (32 – 104°F)													
Humidity	0% - 90% (NonLCCondensing)													
Altitude	<1500 M Above Sea Level													
EN50091-1,-2	YES													
Short Circuit Protection	YES													
Lightning / EMC Filter	MOV / Input&Output (FCC CLASS A)													
Galvanic Isolation	Input&Output true Galvanic isolation													
LED,LCD,Buzzer	YES													
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.