

SPECIFICATIONS :

Part A. Standard models : 1200 / 1700 / 2200

CAPACITY	1200VA	1700VA	2200VA	
	700W	1050W	1400W	
INPUT Voltage Frequency Current (110V/220V)	Selectable 100/110/115/120V 1 ϕ or 200/220/230/240V 1 ϕ 50Hz/60Hz Auto detect			
	12A / 6A	16A / 8A	21A / 10A	
OUTPUT Voltage Frequency Wave Form Current (110V/220V)	100/110/115/120V 1 ϕ or 200/220/230/240V 1 ϕ \pm 3% for Back-up Mode < \pm 5% or 8% for AVR			
	50Hz or 60Hz \pm 0.1Hz Simulated Pseudo Sine Wave			
	11A / 5.5A	15.5A / 7.8A	20A / 9.8A	
TRANSFER TIME	4 ms typical			
BATTERY Voltage/Capacity Level Ind. Recharge Time	Lead-Acid, maintenance free			
	12V 7Ah X 2pcs	12V 7Ah X 3pcs	12V 7Ah X 4pcs	
	YES	YES	YES	
	90% within 3 hrs			
LED / ALARM INDICATION	<u>LED</u>	<u>LCD Symbol</u>	<u>Alarm</u>	
	Normal city power	GRN	Sine Wave + By pass	No beep
	Back up Mode	ORG	Sine Wave+ Battery	B-B—B-B— (2 beeps/4sec.)
	Abnormal Freq. of City power (Frequency > 65Hz or < 47Hz)	ORG	Sine Wave+ Battery	B-B—B-B— (2beeps/4sec.) (Transfer to backup mode)
	Abnormal Voltage of City power (Out of AVR range)	ORG	Sine Wave+ Battery	B-B—B-B— (2beeps/4sec.) (Transfer to backup mode)
	Abnormal Voltage of City power Too High Too Low	GRN	Sine Wave + Buck or + Boost	No beep (AVR in operation)
	Low Battery Alarm	ORG	Sine Wave+ LOW+ Battery	B-B-B-B-B-B— (4 beeps/sec.)
	Over load Alarm	RED	Over load	B..... (Continuously)
	Thermal Alarm	RED	High Temp.	G R (G = 32beeps/2sec. R = silence / 2sec.)
	LOAD LEVEL INDICATION	YES	YES	YES
DC START / ALARM RESET	YES	YES	YES	
RS-232 INTERFACE	YES	YES	YES	
ENVIRONMENT TEMP.	0 - 37 $^{\circ}$ C			
ENVIRONMENT HUMIDITY	30-95% Non-Condensing			
DIMENSIONS (L x H x W) (cm)	38 x 20 x 18	45 x 20 x 18	51 x 20 x 18	
SHIPPING DIM. (LxHxW) (cm)	48 x 33 x 30	54 x 33 x 30	61 x 33 x 30	
WEIGHT (N.W. / G.W.) kgs	15/16	21.50/22.50	25/26	

※ For LCD display, please ask for more information.

Part B. Long-run models : 800 / 1200 / 1800

CAPACITY		800VA	1200VA	1800VA
Continuous Loading		480W	720W	1080W
Max. Loading		600W (< 30 sec.)	900W (< 30 sec.)	1350W (< 30 sec.)
INPUT	Voltage	Selectable 100/110/115/120V 1ø or 200/220/230/240V 1ø		
	Frequency	50Hz/60Hz Auto detect		
Current (110V/220V)		10A / 5A	15A / 7.5A	22A/11A
OUTPUT	Voltage	100/110/115/120V 1ø or 200/220/230/240V 1ø ±3% for Back-up Mode < ±5% or 8% for AVR		
	Frequency	50Hz or 60Hz ± 0.1Hz		
	Wave Form	Simulated Pseudo Sine Wave		
	Current (110V/220V)	7.3A / 3.6A	11A / 5.5A	16.4A/8.2A
TRANSFER TIME		4 ms typical		
BATTERY	Voltage	24V	48V	48V
	Level Ind.	YES	YES	YES
CHARGER	Voltage	54V	54V	54V
	Maximum Current	6A	6A	6A
LED / ALARM INDICATION		LED	LCD Symbol	Alarm
Normal city power		GRN	Sine Wave + By pass	No beep
Back up Mode		ORG	Sine Wave+ Battery	B-B—B-B— (2beeps/4sec.)
Abnormal Freq. of City power (Frequency > 65Hz or < 47Hz)		ORG	Sine Wave+ Battery	B-B—B-B— (2beeps/4sec.) (Transfer to backup mode)
Abnormal Voltage of City power (Out of AVR range)		ORG	Sine Wave+ Battery	B-B—B-B— (2beeps/4sec.) (Transfer to backup mode)
Abnormal Voltage of City power Too High Too Low		GRN	Sine Wave + Buck or + Boost	No beep (AVR in operation)
Low Battery Alarm		ORG	Sine Wave+ LOW+ Battery	B-B-B-B-B— (4 beeps/sec.)
Over load Alarm		RED	Over load	B..... (Continuously)
Thermal Alarm		RED	High Temp.	G R (G = 32beeps/2sec. R = silence / 2sec.)
LOAD LEVEL INDICATION		YES	YES	YES
DC START / ALARM RESET		YES	YES	YES
RS-232 INTERFACE		YES	YES	YES
ENVIRONMENT TEMP.		0 - 37 °C		
ENVIRONMENT HUMIDITY		30-95% Non-Condensing		
DIMENSIONS (LxHxW) (cm)		38 x 20 x 18	45 x 20 x 18	45 x 20 x 18
SHIPPING DIM. (LxHxW) (cm)		48 x 33 x 30	54 x 33 x 30	54 x 33 x 30
WEIGHT (N.W. / G.W.) kgs		11.5/12.5	13.5/14.5	18.5/19.5

※ For LCD display, please ask for more information.