

NOVA

UPS SYSTEM

3 kinds of LCD can be selected



Colourful LCD



Gray LCD



Blue LCD



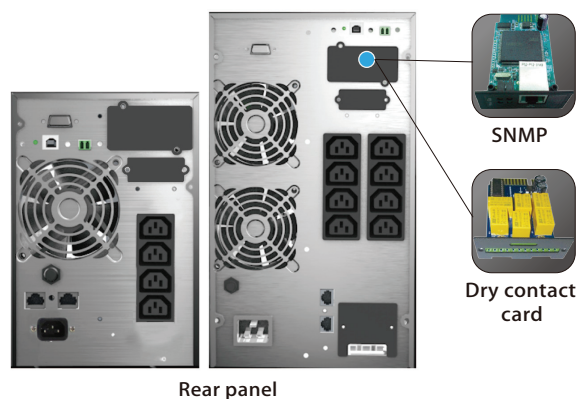
Battery cabinet
(Optional)



Optimized battery configuration
7Ah/9Ah (12V)

Features

- High power density
- Online double conversion with full digital control
- Wide input voltage range:110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface:RS232 (USB/EPO/Dry contact /SNMP card optional)
- Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm



Rear panel



SNMP



Dry contact
card



Optional socket

Technical Specifications

MODEL		1-11-1		1-11-1-010		1-11-2		1-11-2-015		1-11-3		1-11-3-015	
Capacity		1000VA/ 900W				2000VA/ 1800W				3000VA/ 2700W			
INPUT													
Nominal voltage		208/220/230/240Vac											
Input voltage range		110~300Vac (176~280Vac@ 100% load)											
Frequency range		40~70Hz (50/60Hz Auto-Sensing)											
Power factor		≥0.99											
OUTPUT													
Output voltage		208/220/230/240Vac											
Power factor		0.9											
Voltage regulation		±1%											
Output frequency	Line Mode	46~54Hz or 56~64Hz											
	Bat. Mode	(50/60±0.1%)Hz											
Crest factor		3:1											
Harmonic distortion (THDv)		≤3% Linear load											
		≤5% Non linear load											
Transfer time	AC mode to Bat.Mode	0ms											
	Inverter to Bypass	4ms (Typical)											
Output waveform		Pure Sinewave											
EFFICIENCY													
AC mode		88%				90%				91%			
Battery mode		85%				87%				88%			
BATTERY													
Battery number		2	3	2	3	4	6	4	6	6	8	6	
Capacity (Standard unit)		9Ah/12V											
Typical recharging time		4 hours (to 90% of full capacity)											
Charging voltage		27.4Vdc±1%	41.1Vdc±1%	27.4Vdc±1%	41.1Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	82.2Vdc±1%	109.6Vdc±1%	82.2Vdc±1%	
Charging current (Max)		6A/12A		1A		6A/12A		1A		6A/12A		1A	
INDICATORS													
LED display		Line mode,Bat.mode,ECO mode,Bypass mode,Battery low voltage,Overload & UPS fault											
LCD display		Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time											
ALARM													
Battery mode		Beeping every 4 seconds											
Battery low		Beeping every second											
Overload		Beeping twice every second											
Fault		Continuously beeping											
PHYSICAL													
Dimension W x D x H (mm)		144 x 293 x 209			144 x 399 x 209		190 x 425 x 336						
Net weight (kg)		4.1		9.3		12.5		10		19.5		24.5	
ENVIRONMENT													
Operating temperature		0℃~40℃											
Storage temperature		-25℃~55℃											
Humidity range		20~95%RH @ 0~40℃ (Non condensing)											
Altitude		<1500m,derating required when>1500m											
Noise level		<50dB at 1 Meter											
STANDARDS													
Safety		IEC/EN62040-1,IEC/EN62477-1											
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8											

Specifications are subject to change without prior notice.
When output voltage is 208Vac,need to derate to 80% of the unit capacity.

