



# DOOR/SHELF MOUNT ON-LINE UPS

NDM-SERIES	MODEL NO.	GES-102NDM / 102NSM	GES-152NDM / 152NSM
<b>GENERAL</b>	Maximum Capacity	1000VA/700W	1500VA/1050W
	UPC Order Code	825433 30218 / 825433 30223	825433 30317 / 825433 30224
<b>INPUT</b>	Nominal Voltage	120VAC (OPTIONAL 220VAC AVAILABLE)	
	Voltage Range	60VAC/40% Load, 70VAC/70% Load, 80VAC - 144VAC/100% Load	
	Bypass Voltage	+/-10%, +10/-15%, +15/-20% (User Selectable)	
	Phase	Single Phase (L-N-G)	
	Frequency	50 or 60Hz Auto Sensing	
	Frequency Window	45-65Hz (+/-2%, +/-5%, +/-7% - User Selectable)	
	Synchronization Window	+/- 3Hz	
	Power Factor	0.97	
	<b>OUTPUT</b>	Output Voltage	100/110/115/120/127VAC (User Selectable)
Voltage Regulation		+/- 2%	
Frequency Regulation		+/- 0.25Hz (Battery or Free Run Mode)	
Voltage Distortion - THD		<3% Linear Load, <5% Non-linear Load	
Transient Response		4% (100% Load Change)	
Overload Capacity		125% for 1 min. / 150% for 10 sec.	
Maximum Output Current @ 120VAC		8.2A	12.4A
Crest Factor		3:1	
Efficiency		>83%	
Transfer Time		Zero	
<b>BATTERY (External)</b>	Battery Type	Sealed Lead Acid, Maintenance Free - Hot Swappable Cabinet/String	
	Battery String	3	
	DC Voltage in String	36VDC	
	Recharge Time	Depends on External Batteries	
	Advanced Battery Management	Auto Self-test, Temperature Compensated 3-Stage Charging, Load Dependent Discharge	
	Extended Runtime	Battery Banks and Strings Available	
<b>PROTECTION</b>	Output Short	YES	
	Abnormal Voltage	YES	
	Abnormal Frequency	YES	
	I/O Noise Protection	Common & Normal Noise Suppression	
	I/O Spike and Transient	YES	
<b>INTERFACE</b>	Display	LCD / LED - Status, Readings and Setup Parameters	
	Audible Alarms	On Battery, Low Battery, Overload, Fault	
	Communications	RS232 / Dry Contact / (Optional: USB, SNMP, AS400)	
	Emergency Power OFF	YES - Via Normally Closed Contact	
<b>ENVIRONMENT</b>	Operating Temperature	-30 to 60 °C (-22 to 140 °F) (Extended range available [-40 to 74 °C])	
	Humidity	0 - 95% (Non-condensing)	
	Audible Noise	<40 dBA at 1 Meter	
<b>CONFORMANCE</b>	Safety	UL 1778, CE	
	EMI/RFI	FCC Part 15	
<b>PHYSICAL DATA -NDM</b>	W x D x H mm (in.)	230 x 380 x 90 (9" x 15" x 3.5")	
	Weight in kg (lbs.)	6.0 (13.2)	7.5 (16.5)
<b>PHYSICAL DATA -NSM</b>	W x D x H mm (in.)	289 x 401 x 109 (11.4" x 15.8" x 4.4")	
	Weight in kg (lbs.)	7.7 (17.0)	7.7 (17.0)

Specifications are subject to change without notice to reflect upgrades and improvement in technology.

OTHER VOLTAGES AND CONFIGURATIONS ARE AVAILABLE; FOR ORDER CODES, CONSULT MANUFACTURER.

AN EXTERNAL WRAP-AROUND BYPASS MODULE IS AVAILABLE FOR ALL MODELS, PERMITTING UPS MAINTENANCE WITHOUT POWER INTERRUPTION TO THE LOAD.

