

Item	Structural	Configuration	Specification Text	Property Value	
				Property	Value
1	1	1,	System Configuration	Application	Emergency Standby (3D)
2	1.1	1,	System Description	Frequency	60 Hz
4		1,	DG10V1600B2N DS500LVL1 24hr	Generator Voltage	480 V
5		1,	Application 60Hz Standby	Phase	3 Phase
6	1.2	1,	Cooling System	Unit Specification	UL2200
10		1,	50 Deg C Cooling System -Closed loop, liquid cooled, with radiator factory mounted on integral engine-driven coolant pump	IBC Seismic Certification	Without IBC
13	1.3	1,	Circuit Breaker	OSHDP Certification	Without OSHDP
30		1,	Circuit Breaker Position 1:	Engine Model	10V1600 G80S (24volts)
34		1,	800 AMP 3P 100% LSI CB SQ-D P-FRAME PGL36080CU33A	Exhaust Emissions (EPA)	EPA Tier 2
40		1,	LSI Breaker Trip: -LSI breakers provide protection from long time overload, show circuit events. Specific overload current values and time delay	Radiator Design Temperature	50°C
44		1,	Circuit Breaker Mounted Right Side	Temp Rise	130°
58		1,	Circuit Breaker #1 Accessories:	Power Output	500 kW
84		1,	Standard Breaker Wire Scheme: -Phase 1 (A) is Black label "L1" -Phase 2 (B) is Red label "L2" -Phase 3 (C) is Blue label "L3" -Neutral is White label "NEU"	Full Load Amps	751
86	1.4	1,	Starting System	Generator Frame and Wire Qty	572/4027 (12'Wire)
92		1,	Battery Rack Only -Shipped with Battery Rack only (no battery included)	Generator Wire Configuration	Wye
100		1,	Battery Charger: NRG 22-10-RCLS	OPI/HSD	Level 1 - Standard
101		1,	Battery Charger Mounted & AC/DC Wired *Note* - This option will be factory-wired to the distribution panel (if selected)	Fuel Tank	With Fuel Tank
110		1,	Block Heater --20 Deg F Block Heater (208V 1PH - 5000W) -Model: CL150810-200 -Qty 1 All water heaters have the AC connection wired to the distribution panel (if distribution panel is selected on order) EXCEPT for 480V or 3 phase water heaters.	Control panel	With Control Panel
115	1.5	1,	Genset Enclosure	Circuit Breaker Options	Single Circuit Breaker
120		1,	Level 1 Weather-protective enclosure constructed of heavy gauge steel or aluminum with fixed stormproof panels designed for 130 mph wind load rating. Enclosure consists of a bolted and welded construction with unit-mounted internal silencer included. Hinged, lockable double-door access on both sides of the enclosure.	Breaker Wire Color Scheme	Standard Breaker Wire Color Scheme
122		1,	Weather Proof Enclosure - Steel	Paralleling	No Parallel Operation
128		1,	130mph Wind Rated Steel	Acceptance testing	Factory acceptance
141		1,	Intake Louver (Steel)	Cover photo	1/33046
150	1.6	1,	Vibration Isolation	Country of Operation	USA / Canada
156		1,	SUA46908 Pad Isolators • ¼ inch thick elastomeric pad in rectangular shape placed under the base frame at each of the pre-drilled isolator mounting holes	Emission cert. authority	18 US EPA Agency
158	2	1,	Engine Configuration	TEMP	n
159	2.1	1,	Engine System		
164		1,	EPA Certification Tier Level: Tier 2		
165		1,	Engine Model: MTU 10V1600G80S		
167		1,	Note Emission Compliance: The engines and/or systems, may only be certified to comply with the required country or region specific emission regulations. Where applicable, the engines and/or systems are only certified to those specific emission regulations/standards which are clearly stated in the respective RRPS/MTU defined technical specifications. It is the customer's sole responsibility to ensure that the export/import, installation and use of the engine and/or system complies with the applicable emissions regulations in the country or region where the engine and/or system will be used.		
168	2.2	1,	Exhaust System		
179		1,	Unit-Mounted Silencer 6" -Silencer Model: CPJS-06X-90031273 (RH) -Silencer Model: CPJS-06X-90041272 (LH) -Qty 1 each		
182	2.3	1,	FUEL SYSTEM (STANDARD 24HR TANK)		
190		1,	Non-Extended Fuel Tank matches the genset base footprint		
191		1,	24 HR 1000 Gallon Sub Base Fuel Tank 10-12V1600		
192		1,	Tank Includes Spill Fill Containment (5 Gallon capacity)		
198		1,	No Fuel Cooler		

	Structural	Configuration	Specification Text
205	2.4	1,	Air Intake System
208		1,	Air Filter (Standard)
209		1,	MTU Air Filter -SUA86885 -Qty 2
211	3	1,	Generator Configuration
212	3.1	1,	Generator system
222	3.2	1,	Generator accessories
226		1,	Generator Model Number: 572RSL7927 (Base Model: 572RSL4027)
230		1,	PMG with DVR 2400 -True RMS Sensing - One or Three Phase Connect. Senses 100 to 600 volts $\pm 10\%$ at 50/60 Hertz. Patented circuitry senses true RMS voltage rather than average for superior load regulation.
239		1,	Measuring CT
245	4	1,	Control Panel Configuration
246	4.1	1,	USMKT_S1600_REV2-0619-CONTROL PANEL SYSTEM
255		1,	Circuit Breaker Position 1:
258		1,	Without Ground Fault
286		1,	Control Panel Mounted LH Side
291		1,	(4) Relay Option The 4-relay board includes (4) 10 amp form C relays customizable for user defined functionality requirements. Standard outputs are as follows: 1. Engine Run 2. Engine Run 3. Engine Fail 4. Minor Alarm
313		1,	MGC- 2000 Series -MTU Onsite Energy's Digital Genset Controller MGC-2000 series is a highly advanced integrated generator set control system. The MGC-2000 series is perfectly focused, combining rugged construction and microprocessor technology to offer a product that will hold up to almost any environment and flexible enough to meet your application's needs. This device provides generator set control, transfer switch control, metering, protection, and programmable logic in a simple, easy-to-use, reliable, rugged, and cost effective package.
323		1,	No Parallel Operation
328	5	1,	Services and After Sales Supply
329	5.1	1,	Warranty
333		1,	General Terms and Conditions of Sale, Warranty and After Sales Supply Our offer is based on the attached General Terms and Conditions of Sale for MTU Products (Rev. V-601-1803 MUS & MOE) and the Warranty will be the attached Standard Two (2) Year / 3,000 Hour Basic Standby (3D), Prime (3B), and Data Center Continuous Power (DCCP) (3F) Limited Warranty (OE-M-GEN-S-026-1801).
334	6	1,	Miscellaneous
335	6.1	1,	Painting
344		1,	Paint Color: RAL 7001 Grey
347	6.2	1,	Documentation
351		1,	English 1 CD Manual (Standard)
353		1,	Optional Manuals
356		1,	English
358		1,	No CD Format
360		1,	1 Hard Copy
364		1,	No Flash Drive
366		1,	French
368		1,	No CD Format
370		1,	No Hard Copy
372		1,	No Flash Drive
374		1,	Spanish
376		1,	No CD Format
378		1,	No Hard Copy
380		1,	No Flash Drive
381	6.3	1,	Additional Options
396		1,	Fuel Water Separator Mounted RH Side

	Structural	Configuration	Specification Text
436		1,	Mechanical Drawing: Dimensional HSD <ul style="list-style-type: none"> • XZ57400100032 Mechanical Drawing: Dimensional HSD <ul style="list-style-type: none"> • XZ57400100033 Mechanical Drawing: Fuel Tank <ul style="list-style-type: none"> • XZ57500100052
445		1,	Electrical Drawing: Engine <ul style="list-style-type: none"> • XZ574K0000004
447		1,	Electrical Drawing: Generator <ul style="list-style-type: none"> • XZ574K0000011
450		1,	Electrical Drawing: Breaker Options <ul style="list-style-type: none"> • XZ574K0000001
454		1,	Electrical Drawing: Customer Connections <ul style="list-style-type: none"> • XZ574K0000002 Electrical Drawing: Control Panel <ul style="list-style-type: none"> • XZ574K0000006
460		1,	Electrical Drawing: Options Sheet <ul style="list-style-type: none"> • XZ574K0000009
462		1,	Electrical Drawing: Options Sheet <ul style="list-style-type: none"> • XZ574K0000009
464	7	1,	Functional Testing
465	7.1	1,	Acceptance Testing
468		1,	Standard Commercial Test
503	8	1,	Shipping Conditions
504	8.1	1,	Shipment
507		1,	Ship unit with fluids installed