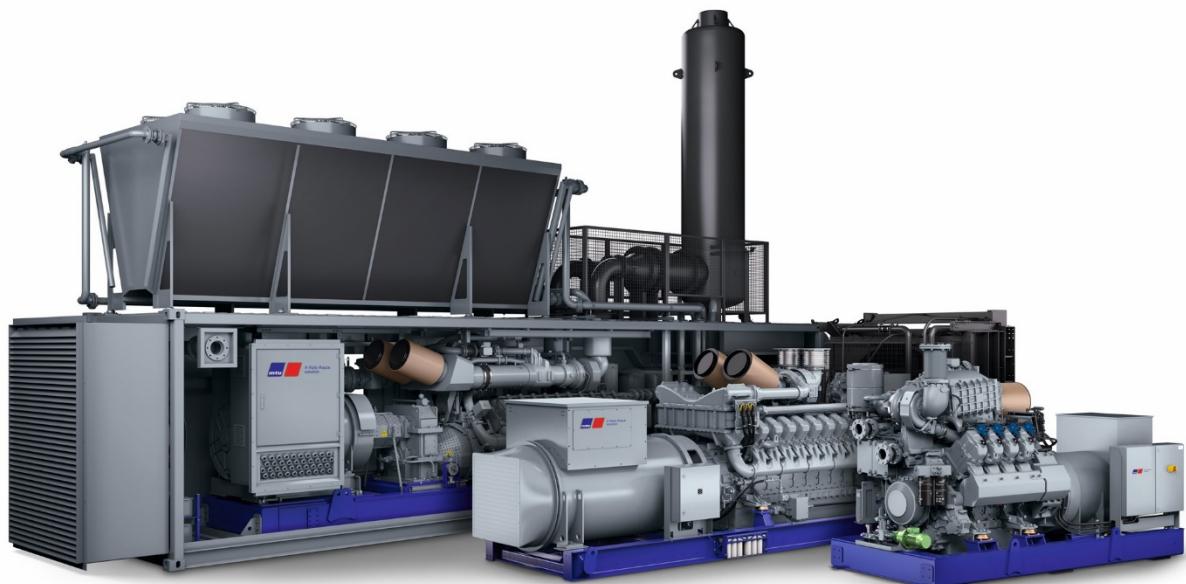




Stock #: 262935



mtu 4R0113 DS60

Technical Specification And Scope of Supply

mtu 4R0113 DS60

Customer: INDEL Power Group LLC

Quotation Date: 10. September 2025

www.mtu-solutions.com



A Rolls-Royce
solution

1. Technical Specification

Product Type mtu 4R0113 DS60
Application Group 3D

Power as per MTU Sales Program

Power per genset (ISO 8528)	60 kWel
Derated Power per genset (ISO 8528)	60 kWel
Engine speed	1800 rpm
Intake air temperature	25 deg C
Altitude	100 m

Requirements

Frequency	60 Hz
Fuel Type	Diesel
Generator voltage	480 V
Engine Model	JD4045HF280 (12Volts)
Grid guideline	No requirements

Selection Criteria

Phase	3 Phase
Unit Specification	UL2200 Certification
IBC Certification	Without
HCAI Certification	Without
Exhaust Emissions (EPA)	EPA Stationary EMERG T3 (40CFR60)
Radiator Design Temperature	
Temp Rise	80 °
Full Load Amps	90 A
Generator Model	MXB-E 225 XB4
Generator Wire Qty	12 Wire
Generator Wire Configuration	WYE
OPU/HSD	Level 3 - Maximum Sound Attenuation Enclosure
Control panel	With Control Panel
Circuit Breaker Options	Single Circuit Breaker
Breaker Wire Color Scheme	Standard Breaker Wire Color Scheme
Country of Operation	US -United States of America
Emission cert. Authority	18 - US EPA US EPA Agency



A Rolls-Royce solution

MODEL: **1**
SERIAL: **2**
RATING: **3**
ENGINE: **4**
RPM: **5** Hz: **6**
kW: **7** kVA: **8**

VOLTS **9** AMPS **10** PH **11** PF **12**

WIRE CONFIG: **13**

TEMP. RISE / AMB. (°C): **14** / 40

MAX. UNBALANCED LOAD: $I_2 = 10\%$

DIESEL FUEL:

PER SPECIFICATIONS A001064/05E

MAX. INLET FUEL FLOW:

1620 (428) L/h (gal/h)

www.mtu-solutions.com

1	mtu 4R0113 DS60	-
2	--	-
4	JD4045HF280 (12Volts)	-
5	1800	RPM
6	60	Hz
7	60	kWe
8	75	kVA
9	480	V
10	90	A
11	3	PH
12	0.8	PF
13	WYE	-
14	80	°C

2. Scope of Supply

Specification	QTY
SYSTEM	
System Description	
Unit Specification	1
Enclosure Type	1
Controls	1
Circuit Breaker	1
Breaker Wire Color Scheme	1
Dimensional Drawings	1
Engine Electrical Drawings	1
Electrical Generator Drawings	1
Electrical Option Sheet Drawings	1
Fuel Tank Drawings	1
Circuit Breaker Drawings	1
Control Panel Drawings	1
ENGINE	
Engine Genset	
Engine Model	1
Engine Accessories	
Isochronous Governor	1
COOLING	
Cooling Package	
Cooling Package	1

PREHEATING

Electric Operated Preheating

Coolant Preheating	Coolant Preheater	1
	• -20 Deg F Coolant Preheater (120V 1PH - 1500W)	
	• Model: TPS151GT10-005 Qty 1	

*Water Heater Wired to the Distribution Panel (If Distribution Panel is Selected)

STARTING

Starting Electric

Starting Batteries	Starting Battery w/Acid, Cables & Battery Rack	1
	• Battery Rack mounted and installed	
	• Battery Cables	

Battery Charger	Battery Charger MicroGenius 10A • 180W • 10 Amp • 12V • NFPA 110	1
------------------------	--	---

Battery Charger Mounting	Battery Charger Mounted & AC/DC Wired	1
	• This option will be factory-wired to distribution panel (if applicable)	

AIR INTAKE

Air Intake Filters

Air Intake	Air Filter (Standard) mtu Air Filter	1
	• P/N: SU106417 Qty 1	
	Standard Air Filter with Restriction Indicator	1

FUEL

Fuel Systems

Fuel Type	Diesel	1
------------------	--------	---

Fuel Tanks

Fuel Tank Type	Extended Fuel Tank	1
Fuel Tank Capacity	48 Hour	1
Selected Fuel Tank	250 Gallon Extended Sub Base Fuel Tank	1
Spill Fill Box	Fuel Tank Spill Fill: EQ-565	1
Overfill Protection	Without	0
Fuel Tank Ventilation	Standard Vents	1
Leak Switch	Leak Switch Florida DEP EQ Certification: EQ-832	1
Tank Level Alarm Panel	Without	0

EXHAUST

Exhaust System

Exhaust Silencer	Unit-Mounted Silencer	1
• Silencer Model: CPJS-35X-90020047 (Qty 1)		

GENERATOR

Generator

Generator Model Number	Base Model: MXB-E225XB4	1
-------------------------------	-------------------------	---

Generator Accessories

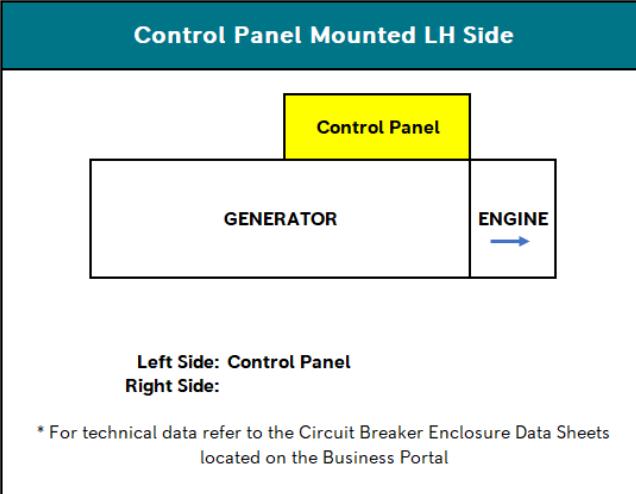
PMG Kit	With PMG Kit	1
Voltage Regulator	PMG with MARK XX Regulator	1

Generator Outletbox

Convenience Receptacle	Unit Includes One (1) Convenience Receptacle	1
* This option will be factory-wired to the distribution panel (if selected)		

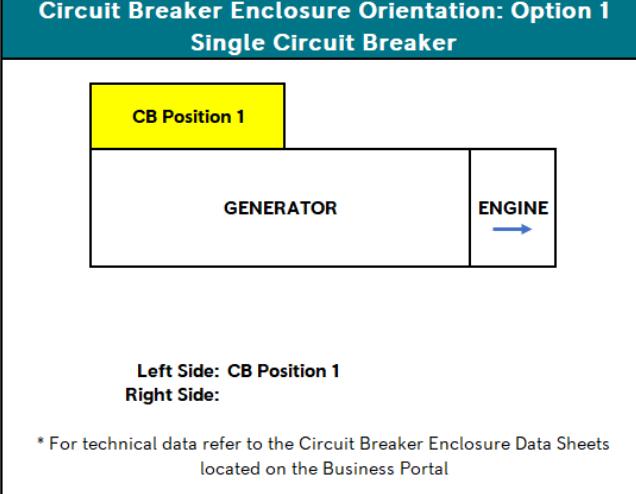
CONTROLS

Genset Control Panel

Configured Control Panel Series	MGC-2020 <ul style="list-style-type: none"> • Rolls Royce Power Systems Digital Generator 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. 	1
Control Panel Mounting	Control Panel Unit Mounted LH Side  <p>Control Panel Mounted LH Side</p> <p>Left Side: Control Panel Right Side:</p> <p>* For technical data refer to the Circuit Breaker Enclosure Data Sheets located on the Business Portal</p>	1
Paralleling	Without	0
4-Relay Package	4-Relay Option <ul style="list-style-type: none"> • The 4-relay board includes (4) 10 Amp form C relays customizable for user defined functionality requirements. • Standard outputs are as follows: <ul style="list-style-type: none"> • Engine Run • Engine Fail • Minor Alarm 	1
Remote E-Stop	Without	0
ProtoNode Solution	Without	0
Ground Fault Protection	Without	0

CIRCUIT BREAKER

Circuit Breaker 1

Circuit Breaker Position	Single CB Enclosure Orientation: Position 1	1
Circuit Breaker Enclosure Orientation: Option 1		
Single Circuit Breaker		
 <p>Left Side: CB Position 1 Right Side:</p> <p>* For technical data refer to the Circuit Breaker Enclosure Data Sheets located on the Business Portal</p>		

Trip Type	LSI Breaker Trip	0
Rating	100%	0
Spring Charging Motor (MMM)	Without	0
ERMS	Without ERMS	0
Amperage List	100 Amps	1
Selected Circuit Breaker 1:	100 Amp 3 Pole 100% LSI CB SQ-D HDL36100CU33X	1
Service Entrance Rated	Service Entrance Rated	1
Circuit Breaker 1 Accessories		
Shunt Trip (MX1)	Circuit Breaker SQ-D Shunt Trip (MX1)	1
Circuit Breaker 2		

Spring Charging Motor (MMM)	Without	0
ERMS	Without ERMS	0
Circuit Breaker 3		
Spring Charging Motor (MMM)	Without	0
ERMS	Without ERMS	0
Distribution Panel		
Distribution Panel	Without	0
ENCLOSURE		
Housing		
Wind Rating	195 MPH	1
Enclosure Material	Level 3 Aluminum • Level 2 Aluminum 195 mph enclosure with air exhaust scoop with UL 94 HF-1 compliant, 1.5" thick sound attenuated foam insulation installed where applicable. * This option derates the Cooling Package to 45 °C.	1
Door Restraints	Door Restraints	1
PAINTING		
Painting		
Paint Color	Corporate Grey	1
BASEFRAME		
Mounts Baseframe		
Selected Vibration Isolation	Pad Isolators • 1/4" thick elastomeric pad in rectangular shape placed under the base frame at each of the pre-drilled isolator mounting holes • P/N: SUA63015	1

WARRANTY

Warranty

Warranty Terms	2 Year 3000 Hour Standby Warranty	1
-----------------------	-----------------------------------	---

SHIPPING & STORAGE

Freight

Shipping Bag	With Shipping Bag	1
---------------------	-------------------	---

Delivery Type	Ship Unit Wet	1
----------------------	---------------	---

DOCUMENTATION

Manuals

Standard Documentation	Manual English USB	1
-------------------------------	--------------------	---

FUNCTIONAL TESTING

Acceptance Testing

Standard Commercial Test	With Standard Commercial Test	1
---------------------------------	-------------------------------	---