

Spec Sheet Changes

June, 2009 - Current

Model #	Completed Date	Pg	Section	Change Description
<p>For referencing purposes, this document is designed to provide additional information about updates to MTU Onsite Energy's engine data spec sheets. If you have any questions after reviewing, please contact your account manager. The information is provided in date order by spec sheet type (most recent date first).</p>				
Custom Diesel				
125-JC6DT3	2/3/2010	1	System Ratings - Prime	The kVA for the prime 208V was updated to 143.75.
1000-XC6DT2	2/1/2010	3	Exhaust System	Gas Volume at Stack Temp: The labels for m3/min (CFM) were transposed and are now fixed.
Units with MTU Series 1600/2000/4000 Engines	1/30/2010	2	Standard Features	S1600/4000: Clarified "Common Rail Fuel Injection" as a standard feature. S2000/4000: Removed redundancy of engine designation (i.e. G85, G45). S1600/2000/4000: Added "Closed Crankcase Ventilation" where not previously designated.
Units with MTU Series 1600 Engines to replace 550-VC6DT2 and 600-VC6DT2	1/30/2010	All	New spec sheets will replace existing spec sheets	Created new spec sheets for 550 kW (D-550D6S-A) and 600 kW (D-600D6S-A) units. These will replace the pre-existing 550-VC6DT2 and 600-VC6DT2 spec sheets. The 500-VC6DT2 will also be removed from the website.
All units with John Deere Engines	1/30/2010	2	Standard Equipment - Engine	Changed verbiage "Fuel Water Separator" to "Fuel filter with Water Separator" for appropriate clarification.
250-XC6DT3	1/30/2010	3	Application Data - Cooling System	Adjusted data for "Heat Rejection to Air to Air" and "Heat Radiated to Ambient" to reflect appropriate conversion values.
150-JC6DT3	12/8/2009	1	System Ratings	Updated the 480V 3-Phase Generator Models for 130°C temp rise from 431CSL6204 to 431CSL6202.
3000-XC6DT2	12/4/2009	3	Application Data / Air Requirements	Updated "Air Flow Required for Rad. Cooled Unit" Prime measurements to match the Standby measurement.
250-JC6DT3	11/19/2009	2	Standard Equipment - Engine	Electric Starting Motor and Charging Alternator changed from 24V to 12 V.
500-XC6DT2	10/15/2009	4	Sound Data	Updated Sound Attenuation Enclosure field to C/F for Standby Full Load and No Load.
750-XC6DT2	10/7/2009	3	Engine	Corrected typographical error in "Max Power: Standby" field.
2500-XC6DT2	9/9/2009	3	Cooling - Radiator System	Updated "Heat Radiated to Ambient" - Standby - kW to 209.
250-XC6DT3	8/24/2009	3	Application Data / Engine Manufacturer	Updated Series 60 engine manufacturer listing from "MTU Detroit Diesel" to "Detroit Diesel".
275-XC6DT3				Updated Series 2000 & 4000 engine manufacturer from "MTU Detroit Diesel" to "MTU".
300-XC6DT3				
350-XC6DT3				
400-XC6DT3				
450-XC6DT3				
500-XC6DT2				
650-XC6DT2				
750-XC6DT2				
900-XC6DT2				

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1000-XC6DT2				
1250-XC6DT2				
1500-XC6DT2				
1750-XC6DT2				
2000-XC6DT2				
2250-XC6DT2				
2500-XC6DT2				
2800-XC6DT2				
3000-XC6DT2				
3250-XC6DT2				
75-JC6DT3	8/18/2009	1	System Ratings	Updated Standby 240V - Single Phase amps to 313 from 271.
All Spec Sheets	6/4/2009	1	System Ratings	An audit of Generator Model Numbers and skVA @ 30% Voltage Dips was conducted and appropriate updates were implemented on most Custom Diesel spec sheets.
30-JC6DT4	6/4/2009	3 and 4	All Data	A data audit was conducted and appropriate updates were implemented in each of these sections.
35-JC6DT3				
40-JC6DT3				
50-JC6DT3				
60-JC6DT3				
75-JC6DT3				
100-JC6DT3				
125-JC6DT3				
150-JC6DT3				
180-JC6DT3				
200-JC6DT3				
230-JC6DT4				
250-JC6DT3				
275-JC6DT3				
300-JC6DT3				
350-JC6DT3				
375-JC6DT3				
415-JC6DT3				
650 XC6DT2	6/4/2009	3	Cooling - Radiator System	Renamed field FROM: Heat Rejection to Air to Air: BTUM (kW) TO: Heat Rejection to After Cooler: BTUM (kW)
1250-XC6DT2				
1500-XC6DT2				
1750-XC6DT2				
2000-XC6DT2				
2250-XC6DT2				
3250-XC6DT2				

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Standard Diesel				
All units with John Deere Engines	1/30/2010	2	Standard Equipment - Engine	Changed verbiage "Fuel Water Separator" to "Fuel filter with Water Separator" for appropriate clarification.
275-XS6DT3	1/30/2010	3	Application Data - Cooling System	Adjusted data for "Heat Rejection to Air to Air" and "Heat Radiated to Ambient" to reflect appropriate conversion values.
75-JS6DT3	9/3/2009	1	System Ratings	Updated Standby 240V - Single Phase amps to 313 from 271.
250-XS6DT3 275-XS6DT3 300-XS6DT3 350-XS6DT3 400-XS6DT3 450-XS6DT3 500-XS6DT2	8/24/2009	3	Application - Data / Engine Manufacturer	Updated Series 60 engine manufacturer listing from "MTU Detroit Diesel" to "Detroit Diesel".
30-JS6DT4	7/28/2009	1	System Ratings	600V Generator Model changed to 284PSL1752.
125-JS6DT3	7/28/2009	3	Air Requirements	Updated Air Flow Required for Rad.Cooled Unit
150-JS6DT3	7/28/2009	3	Air Requirements	Updated Air Flow Required for Rad.Cooled Unit
50-JS6DT3	6/30/2009	1	System Ratings	Updated 240V single phase generator model from 361CSL1602 to 362CSL1606
400-XS6DT3	6/5/2009	1	System Ratings	Updated 480V model generator from 4-Lead to 12-Lead
All Spec Sheets	6/4/2009	1	System Ratings	An audit of Generator Model Numbers and skVA @ 30% Voltage Dips was conducted and appropriate updates were implemented on most Standard Diesel spec sheets.
Custom Gas				
80-GC6NLT1	8/28/2009	1	System Ratings	Updated Natural Gas and LP Gas Ratings kW/kVA for 240V Single Phases.
125-GC6NLT1	8/28/2009	1	System Ratings	Updated LP Gas Ratings kW/kVA for 240V Single Phases, 208V, 240V-3 Phase, 480V and 600V.
30-GC6NLT1	6/30/2009	1	System Ratings	Updated 240V single phase from 284CSL1508 to 284CLS1542 Updated 208V 3-phase from 283CSL1507 to 284CLS1508 Updated 240V 3-phase from 283CSL1507 to 284CLS1508 Updated 480V 3-phase from 283CSL1507 to 284CLS1508
All	6/30/2009	4	Emissions Data	Updated text to add item in bold: Engine meets EPA 40 CFR Part 60/90 specifications.
All Gas Spec Sheets	6/4/2009	All	All	Several data changes were conducted with the certification of custom gas units. Additional changes were implemented for Sound Data labeling that differed from previous versions as well as Air Requirement measurements from CFM to SCFM. All Custom Gas spec sheets were effected.
Global Changes				
All Spec Sheets	1/30/2010	1	Standard Features	Removed "Custom Design for Any Application" as the spec sheet is intended to cover standard offerings.
		1	Titles	Updated "ekW" to "kWe" for consistency.

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		1 or 2	Standard Features	Permanent Magnet Generator (PMG) was updated to add: - Standard for 570 frame and larger - Optional for 430 frame and smaller
		3	Engine Data	Removed "Frequency" field.
		3	Engine Data	Changed "Regulation" label to "Speed Regulation".
		3	Engine Data	Where applicable, changed "Engine Governor" from "ADEC" to "Electronic Isochronous (ADEC)" for more clarity.
		3 and 4	All Data	IMPORTANT: Switched the standard/imperial and metric measurements so that metric is listed first and standard/imperial is noted in parentheses.
		4	Weights and Dimensions	Updated verbiage to read (changes marked in red): "Drawing above for illustration purposes only, based on standard open power 480 volt engine -generator set. Lengths may vary with other voltages. Do not use for installation design. See website for unit specific template drawings. "
		4	Sound Data	Updated verbiage to state "Sound data is provided at 7 m (23 ft)."
		4	Rating Definitions and Conditions	Updated verbiage to: 1) Remove "Ambient capability factor at 984 ft (300 m)." 2) Move "Consult your local MTU Onsite Energy Power Generation Distributor for other altitudes." to be the last sentence in the Deration Factor - Altitude section.
		4	Lower left labeling	Added verbiage: C/F = Consult Factory/MTU Onsite Energy Distributor
		4	Contact Info Change	Updated content: 1) Change "info@cfc-solutions.com" to "info@mtu-online.com" 2) Change "MTU Onsite Energy" to "MTU Onsite Energy Corporation".
All Spec Sheets	7/28/2009	All	All	Altered font weight for better visibility when printing (CorpoSLight changed to CorpoSRegular font).
All Spec Sheets	7/28/2009	1 or 2	All	Changed "Facts" to "Standard Features"
All Spec Sheets	7/28/2009	3 and 4	All	When changing from CorpoSLight to CorpoSRegular font, some lines required wrapping to the next line to accommodate text/data or lengthening of fields.
Standard Gas				
Standard Gas is no longer an offering and spec sheets were removed from the website.				