

# Capstone MicroTurbine Catalog

## Catalog Numbering Structure:

**M 3 S** - **28** **R** - **F** **G** **4** - **A** **U** **M** **0**

**Additional Functionality:**

0 = No Installed Options  
C = Coastal/Offshore

**Installed Options:**

0 = No Installed Options  
M = Modem

**Listing or Certification:**

0 = No Listing or Certification  
R = UL and Canadian UL Recognition  
U = UL and Canadian UL Listing  
C = CE

**Enclosure Type:**

A = Outdoor Drawout Package  
B = Outdoor Industrial Package  
C = Open Package (no enclosure)

**Voltage Output:**

4 = 400-480Vac, 50/60Hz  
5 = 250-760 VDC

**Control Function:**

G = Grid Connect Only  
D = Dual Mode (Grid Connect or Stand Alone)

**Fuel Type:**

B = High Pressure Landfill/Digester Gas  
D = Diesel/Kerosene  
H = High Pressure Natural Gas/Propane  
F = Low Pressure Natural Gas  
S = High Pressure Sour Gas

**Engine Type:**

N = Non-recuperated  
R = Recuperated

**Power at ISO Conditions:**

28 = 28kW  
30 = 30kW  
60 = 60kW

Note: The 'M3S' designation is only applicable to Model 330 systems and is omitted on Model C60s.

# Capstone MicroTurbine Catalog Numbers

Effective March 2002

## Model 330 Stationary Generating Systems

Catalog Number		Catalog Number	
<u>High Pressure Natural Gas/Propane</u>		<u>High Pressure Sour Gas</u>	
M3S-30R-HG4-AUM0	*	M3S-30R-SG4-C0M0	*
M3S-30R-HG4-BUM0	*	M3S-30R-SD4-C0M0	*
M3S-30R-HG4-CRM0	*	M3S-30R-SG4-B0M0	*
M3S-30R-HD4-AUM0	*	M3S-30R-SD4-B0M0	*
M3S-30R-HD4-BUM0	*		
M3S-30R-HD4-CUM0	*		
<u>Low Pressure Natural Gas - Foil Bearing RFC</u>		<u>High Pressure Medium-BTU Gas</u>	
M3S-28R-FG4-AUM0	*	M3S-30R-BG4-B0M0	*
M3S-28R-FG4-BUM0	*	M3S-30R-BG4-C0M0	*
M3S-28R-FG4-CRM0	*		
M3S-28R-FD4-AUM0	*		
M3S-28R-FD4-BUM0	*		
M3S-28R-FD4-CRM0	*		
<u>Offshore/Coastal</u>		<u>Liquid Fuel</u>	
M3S-30R-SD4-B0M0	*	M3S-30R-DG4-B0M0	*
		M3S-30R-DD4-B0M0	*
<u>High Pressure Simple Cycle</u>		M3S-30R-DG4-C0M0	*
M3S-30N-BG4-C0M0	*	M3S-30R-DD4-C0M0	*
M3S-30N-BD4-C0M0	*		

## Model C60 Stationary Generating Systems

Catalog Number	
<u>High Pressure Natural Gas</u>	
60R-HD4-BCM0	
60R-HD4-BUM0	
60R-HG4-BUM0	

Asterisked systems may be ordered meeting CE requirements by adding the letter 'C' to the 'Listing or Certification' placeholder (3rd position from right) and are suitable for applications with high sensitivity to electromagnetic frequencies.

## Capstone Turbine Accessories and Software

Catalog Number	Description
507849-100	External Fuel Kit - High Pressure
507849-201	External Fuel Kit - Low Pressure (no regulator)
508604-100	External Fuel Kit - Sour Gas
512457-100	External Fuel Kit - Liquid Fuel
512334-100	Model 330 Standard Pkg Ball-Bearing to Foil-Bearing RFC Retrofit Kit
512339-100	Model 330 Industrial Pkg Ball-Bearing to Foil-Bearing RFC Retrofit Kit
511109-100	LP to HP Fuel System Conversion Kit (Model 330 Std & Open)
509949-100	MultiPac Cable and Terminator Kit
M3X-CRMS-S	Single Unit Remote Monitoring Software
M3X-CRMS-SU	Single Unit RMS Upgrade
M3X-CRMS-M	Multi Unit Remote Monitoring Software
M3X-CRMS-MU	Multi Unit RMS Upgrade
510961-100	ModBus Translator
M3X-MODEM	Modem Kit for Customer Installation
508490-101	Emergency Stop Kit
510694-001	Surge Suppressor, 3-Phase, 650VAC, 919J
512080-001	Battery Charger (for Model 330 Standalone battery packs only)
512933-001	Battery Charger (for Model 330 and C60 Stand Alone battery packs)
512675-100	PowerServer, CPS-100
512257-100	Model 330 Exhaust Silencer
511295-002	Model C60 Exhaust Silencer
512749-100	Rollout Option Kit
513001-001	Microturbine Manufacturing Test Report*
512963-004	1-Year Extended Warranty*
512941-004	2-Year Extended Warranty*

**Auxiliary Load Controllers**

512307-001	ALC, 208VAC, 400A (1-4 Model 330s)
512312-001	ALC, 480VAC, 140A (1-3 Model 330s)
512313-001	ALC, 480VAC, 400A (1-8 Model 330s)
512836-001	ALC, 480VAC, 600A (1-13 Model 330s)

**Dual Mode Controllers****440-480V**

512801-001	DMC, 125A, 440-480V (1-2 Model 330s, 1 Model C60)**
512503-001	DMC, 225 A, 440-480V (1-4 Model 330s, 1-2 Model C60s)**
512504-001	DMC, 400A, 440-480V (1-8 Model 330s, 1-4 Model C60s)**
512505-001	DMC, 600A, 440-480V (1-13 Model 330s, 1-6 Model C60s)**
512506-001	DMC, 800A, 440-480V (1-17 Model 330s, 1-8 Model C60s)**
512507-001	DMC, 1200A, 440-480V (1-26 Model 330s, 1-12 Model C60s)**

**200-220V**

512802-001	DMC, 125A, 200-220V (1 Model 330)***
512508-001	DMC, 225A, 200-220V (1-2 Model 330s, 1 Model C60)***
512509-001	DMC, 400A, 200-220V (1-4 Model 330s, 1-2 Model C60s)***
512510-001	DMC, 600A, 200-220V (1-6 Model 330s, 1-3 Model C60s)***
512511-001	DMC, 800A, 200-220V (1-8 Model 330s, 1-4 Model C60s)***
512512-001	DMC, 1200A, 200-220V (1-13 Model 330s, 1-6 Model C60s)***

**380-420V**

512914-001	DMC, 125A, 380-420V (1-2 Model 330s, 1 Model C60)
512915-001	DMC, 225 A, 380-420V (1-4 Model 330s, 1-2 Model C60s)
512916-001	DMC, 400A, 380-420V (1-8 Model 330s, 1-4 Model C60s)
512917-001	DMC, 600A, 380-420V (1-13 Model 330s, 1-6 Model C60s)
512918-001	DMC, 800A, 380-420V (1-17 Model 330s, 1-8 Model C60s)
512919-001	DMC, 1200A, 380-420V (1-26 Model 330s, 1-12 Model C60s)

**220-260V**

512923-001	DMC, 125A, 220-260V (1 Model 330)***
512924-001	DMC, 225A, 220-260V (1-2 Model 330s, 1 Model C60)***
512925-001	DMC, 400A, 220-260V (1-5 Model 330s, 1-2 Model C60s)***
512926-001	DMC, 600A, 220-260V (1-7 Model 330s, 1-3 Model C60s)***
512927-001	DMC, 800A, 220-260V (1-10 Model 330s, 1-4 Model C60s)***
512928-001	DMC, 1200A, 220-260V (1-15 Model 330s, 1-7 Model C60s)***

\* Volume discounts may not be applied to extended warranties or test reports.

\*\* With reactive power control, microturbines are capable of supplying full-rated current at 480VAC.

\*\*\* Microturbines connected via transformer.