

**CROSS REFERENCE  
TO ROCKWELL  
PART NUMBER PP6606**



**Mesta DPM™ (Digital Power Manager™) Specifications**

Model (*)	Total Corrective Current	Enclosure	Dimensions (HxWxD in.)	Weight (est. lbs.)	Losses/max load (kw)	Fan/ Blower total CFM
3ACDPM050-480-1	50 amps	NEMA 1/ wall mount	56x20x14	275	1.3	345
3ACDPM050-480-O	50 amps	Open Panel	52x16.9x12.7	165	1.3	345
3ACDPM100-480-1	100 amps	NEMA 1/ wall mount	52x27x16	325	2.4	780
3ACDPM100-480-O	100 amps	Open Panel	48.5x22x13.6	200	2.4	780
3ACDPM150-480-1	150 amps	NEMA 1/ wall mount	63x27x16	430	3.6	780
3ACDPM150-480-O	150 amps	Open Panel	59.5x22x13.6	275	3.6	780
3ACDPM200-480-1	200 amps	NEMA 1/ floor mount	77x36x20	800	4.8	1200
3ACDPM300-480-1	300 amps	NEMA 1/ floor mount	77x36x20	850	7.0	1800



**Electrical \* (for 240V & 208V applications replace "480" in model # with "240")**

Voltage: 480, 240, 208 VAC, 3 phase, 3 wire plus ground  
Frequency: 60 Hz, ± 5 Hz

**Performance specifications for a properly sized system**

Limit harmonic current to < 5% TDD immediately upstream of installation point as per IEEE 519-1992, table 10.3  
Power Factor: Near unity (.99) immediately upstream of installation point  
Line Current Balancing: ± 1% immediately upstream of installation point  
Efficiency: 97% at full load  
Crest Factor Capability: 3.0

**Overload Protection**

Output is electronically current limited to 300% peak, 100% rms of current rating  
Fuses provide redundant overload protection  
Over temperature protection

**Indicators and Controls**

LCD Touchscreen display provides power quality information, operating parameters, operational status  
Touch Screen Functions: Run, Stop, Menu, System Parameters Setup  
RS232 interface for remote communications with system  
Relay contacts provide system run, fault and max load status  
(3 relays rated @ 125VAC/0.5A or 24VDC/1.0A)

**Physical**

Operating Temperature: 0 to +40 ° C ambient without derating  
Humidity: 95% maximum non-condensing  
Storage Temperature: -20 to +40 ° C  
Cooling: internal forced air  
Power: hardwired internal (top access)

**Third Party Certifications**

UL and CUL Listed

**Options (consult factory)**

50 Hz models  
Voltage options  
Enclosure types  
Multiple unit configurations  
Ethernet Communications

12/01/09 Specifications are subject to change without notice.



**300-amp Nema 1 DPM™**

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