

Base	Gages	AC phases	Start method	Cranking voltage	AC volts	AC Amps	Options
MGC100	-X	-X	-X	-X	-X	-X	?
	Mechanical gages	1 phase	Manual start	12 VDC	250 VAC meter	50	
	Electrical gages	3 phase	Auto Start	24 VDC	600 VAC Meter	60	
	VDO wound EGs					75	
						100	
						150	
						200	
						300	
						400	
						500	
						600	
						800	
						1000	
						1200	
						1500	
						1800	
						2000	
						2500	
						3000	
						4000	

Please note that not all options are available on all versions of the panel. For instance, E1-E3 are N/A for mechanical gages and VDO gages, and -3 in the second column automatically gives a phase select switch. Standard 72mm metering is single scale display only. *Dual scale metering requires the UM option and under the UM option the AC voltmeter selection is 300 & 600VAC single scale, and 600/300 dual scale.* There is a significant cost differential between 72mm & 2-1/2" AC metering

Please note that any **existing** panel has a standard lead time of 2-3 weeks. However, first time build of a given specific panel / options may require longer lead times. *Please consult factory for specific lead times.*

Options are specified in alphabetic order, no spaces, dashes etc

Options / details	
4X	NEMA 4X box
E1	1/2" NPT Temp Sender + OP sender
E2	M14 Temp Sender + OP sender
E3	M16 Temp Sender + OP sender
ES	E-Stop
KP	Preheat keystart (Manual panel)
KS	Keystart (Manual panel)
NS	ETS-30 (mech engine) / CD101 setting
PB	Pushbutton start (Manual panel)
PS	Phase select switch
QD	Quick Disconnect
RL	Add'l Relays
TM	Exercise Timer (Autostart only)
UM	2-1/2" UL listed AC meters
VM	DC Voltmeter

Base	Gages	AC phases	Start method	Cranking voltage	AC volts	AC Amps	Options	Eng. Mfg	Harn conn	Eng. Inst
MGC150	-X	-X	-X	-X	-X	-X	?	-X	-X	-X
	J1939	1 phase	Manual start	12 VDC	250 VAC meter	50		CA terpillar	A01	PV Powerview
		3 phase	Auto Start	24 VDC	600 VAC Meter	60		CU mmins	thru	(blank - PVA gages)
						75		John Deere	G05	
						100		Detroit Diesel		
						150		DeUtz		
						200		ForD		
						300		IV eco		
						400		Mercedes Benz		
						500		PerKins		
						600		These two columns are taken from the M310 configuration / data sheets and cover the wire harness connection back to the panel. Specified after customer consultation.		
						800				
						1000				
						1200				
						1500				
						1800				
						2000				
						2500				
						3000				
						4000				

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Options specified in alphabetic order. No spaces, dashes etc.	
Options / details	
4X	NEMA 4X box
ES	E-Stop
KP	Preheat keystart (Manual panel)
KS	Keystart (Manual panel)
PB	Pushbutton start (Manual panel)
PS	Phase select switch
QD	Quick Disconnect (default)
RL	Addn'l Relays
TM	Exercise timer (Auto start only)
UM	2-1/2" UL listed AC meters
VM	DC Voltmeter

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