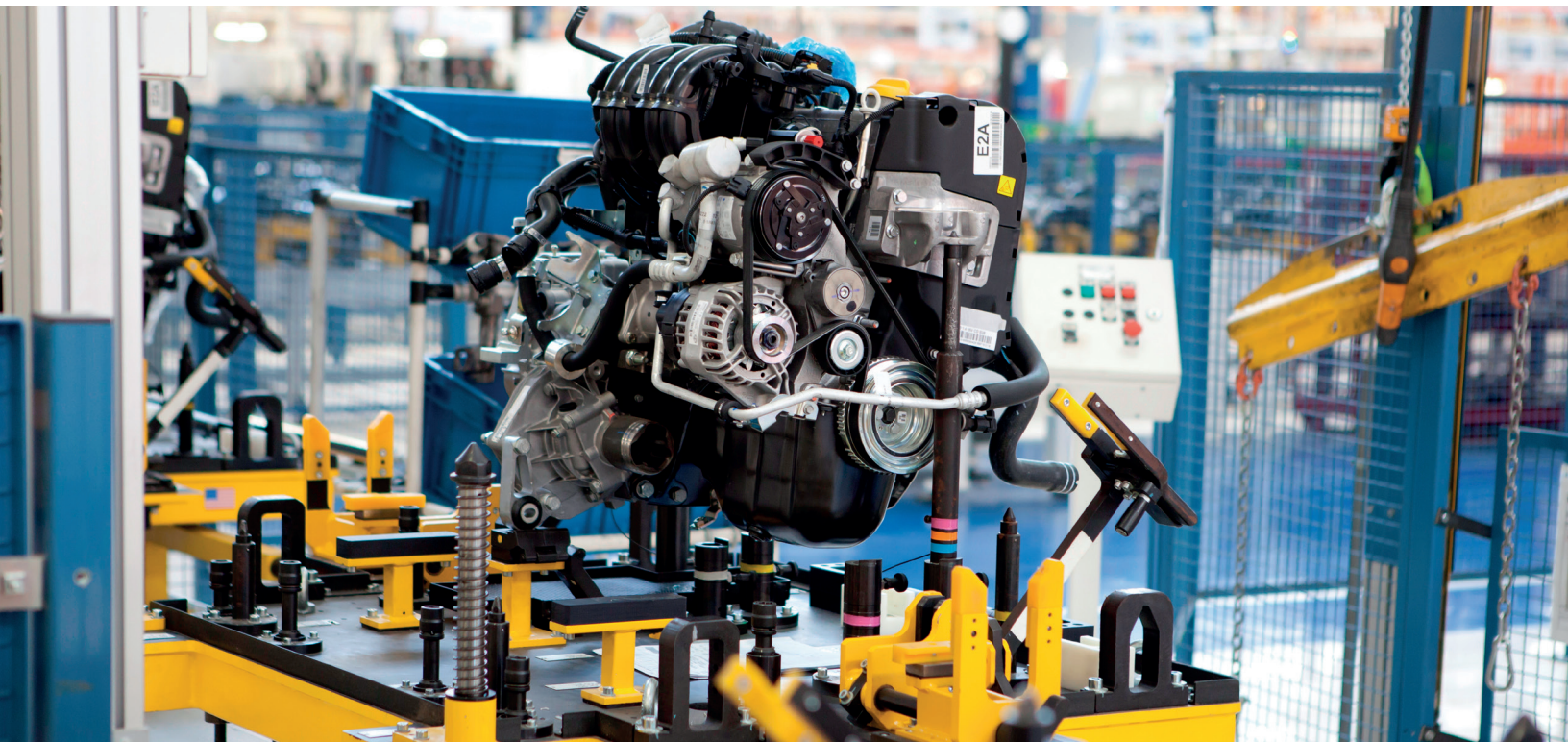


Open-Frame Product Selection Guide



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AC-DC Industrial Portfolio

The ABC Series of open frame power supplies feature a wide universal AC input range of 90 – 264 VAC, offering from 40 to 600 W of output power.

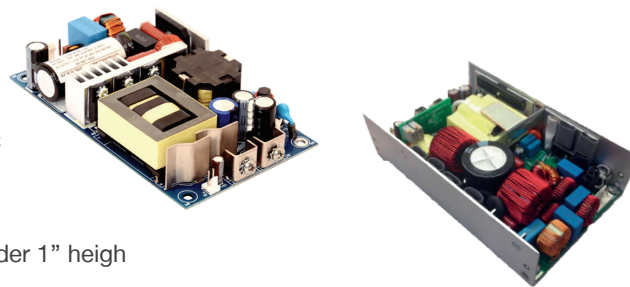
The high efficiency and high power density of the ABC family ensures minimal power loss in end-use equipment, thereby facilitating higher reliability and easier thermal management and meets regulatory approvals for environmentally-friendly end products. The low-profile ABC series with their under 1 inch height are ideal for use in broad array of space-constrained applications.

MODEL NUMBER	CONNECTOR TYPE	VOLTAGES	SIZE	V ADJUST	AIR	CONVECTION
ABC40-1xxxG	Header	5, 12, 15, 24, 48	2 x 4 x 1.2	±10%	40	40
ABC40-3xxxG	Header	5, 12, -12 5, 15, -15 3.3, 5, -12	2 x 4 x 1.2	±10% (Vo1)	40	40
ABC60-1xxxG	Header	5, 12, 15, 24, 48	2 x 4 x 1.2	±10%	60	60
ABC60-3xxxG	Header	5, 12, -12 5, 15, -15 3.3, 5, -12	2 x 4 x 1.2	±10% (Vo1)	60	60
ABC75-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 3 x 1	±3%	75	75
ABC120-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 3 x 1.18	±3%	120	100
ABC150-1xxxG	Header or Screw Terminal	5, 12, 15, 24, 48	2 x 4 x 1.3	±3%	150	100
ABC180-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 4 x 0.75	N/A	180	120
ABC200-1xxxG	Header	12, 15, 24, 48	2 x 4 x 1.5	N/A	200	60
ABC201-1xxxG	Header or Screw Terminal	5, 12, 15, 24, 30, 48	3 x 5 x 1.5	±3%	200	160
ABC225-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 4 x 1	N/A	225	120
ABC275-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	3 x 5 x 0.75	N/A	275	160
ABC300-1xxxG	Screw Terminal	5, 12, 15, 24, 30, 48	3 x 5 x 1.5	±3%	300	240
ABC350-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	3 x 5 x 1	±3%	350	200
ABC400-1xxxG	Header	12, 24, 48	3 x 5 x 1.5	N/A	400	120
ABC450-1TxxG	Screw Terminal	5, 12, 15, 24, 30, 48	4 x 6.5 x 1.6	±3%	450	300
ABC550-1Txx	Screw Terminal	12, 15, 24, 30, 48, 58	3 x 5 x 1.5	±3%	550	250*
ABC600-1xxxG	Screw Terminal	12, 15, 24, 28, 48, 52	5 x 8 x 1.6	±10%	600	420

* With conduction cooling

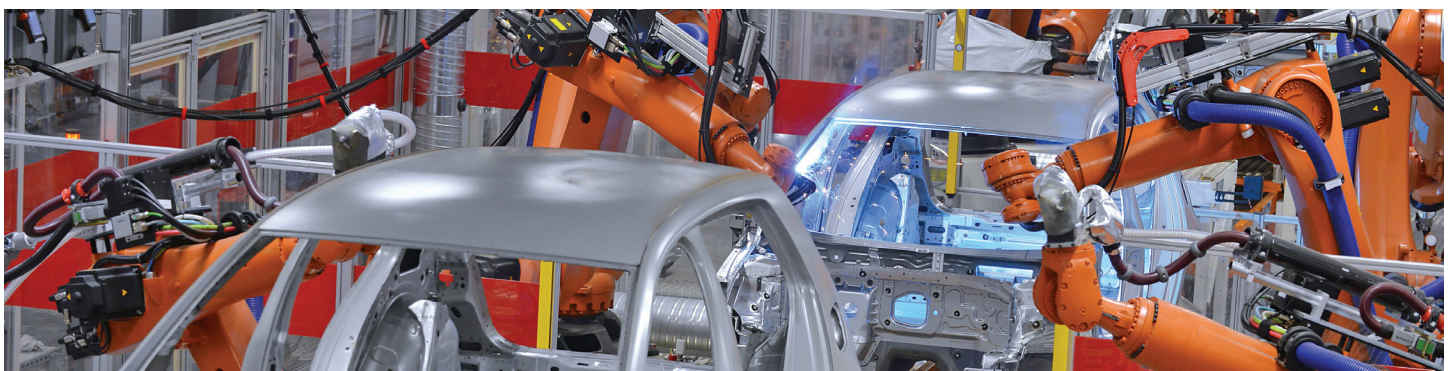
Features and Benefits

- No minimum load required
- High convection rating
- EMI Level B
- Operating temperature range -20 to +70°C
- I2C communication bus (ABC600)
- Adjustable main output
- The L Series (low-profile) offer supplies under 1" height
- Cover kits optionally available



Applications

- Instrumentation
- Process control
- Lighting
- Test equipment
- Factory automation
- Mil COTS



AC-DC Medical Portfolio

The MBC Series deliver up to 600 W of output power and accommodate the universal input voltage range 90 – 264 VAC.

MBC series are suitable for medical applications, in which minimal power loss, and easy thermal management are required. They are commonly used in monitoring, imaging, therapy and other portable medical equipment. The convection-cooled units are suited for designs in which the elimination of fan maintenance, audible/ambient noise and vibration is necessary.

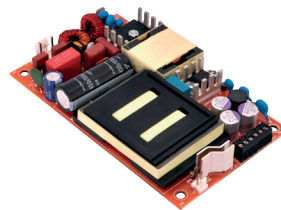
MODEL NUMBER	CONNECTOR TYPE	VOLTAGES	SIZE	V ADJUST	AIR	CONVECTION
MBC40-1xxxG	Header	5, 12, 15, 24, 48	2 x 4 x 1.2	±10%	40	40
MBC40-3xxxG	Header	5, 12, -12 5, 24, -12 5, 15, -15 3.3, 5, -12	2 x 4 x 1.2	±10% (Vo1)	40	40
MBC60-1xxxG	Header	5, 12, 15, 24, 48	2 x 4 x 1.2	±10%	60	60
MBC60-3xxxG	Header	5, 12, -12 5, 24, -12 5, 15, -15 3.3, 5, -12	2 x 4 x 1.2	±10% (Vo1)	60	60
MBC75-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 3 x 1	±3%	75	75
MBC120-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 3 x 1.18	±3%	120	100
MBC150-1xxxG	Header or Screw Terminal	5, 12, 15, 24, 48	2 x 4 x 1.3	±3%	150	100
MBC180-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 4 x 0.75	N/A	180	120
MBC201-1xxxG	Header or Screw Terminal	5, 12, 15, 24, 30, 48	3 x 5 x 1.5	±3%	200	160
MBC225-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	2 x 4 x 1	N/A	225	120
MBC250-1xxxG	Screw Terminal	12, 24, 48	3 x 5 x 1.5	±3%	250	120
MBC275-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	3 x 5 x 0.75	N/A	275	160
MBC300-1xxxG	Screw Terminal	5, 12, 15, 24, 30, 48	3 x 5 x 1.5	±3%	300	240
MBC350-1xxxL	Header or Screw Terminal	12, 15, 24, 30, 48, 58	3 x 5 x 1	±3%	350	200
MBC450-1TxxG	Screw Terminal	5, 12, 15, 24, 30, 48	4 x 6.5 x 1.6	±3%	450	300
MBC550-1Txx	Screw Terminal	12, 15, 24, 30, 48, 58	3 x 5 x 1.5	±3%	550	250*
MBC600-1xxxG	Screw Terminal	12, 24, 48	5 x 8 x 1.6	±10%	600	420

* With conduction cooling

NOTE: For Class II product, add "-2" suffix

Features and Benefits

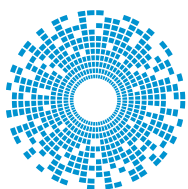
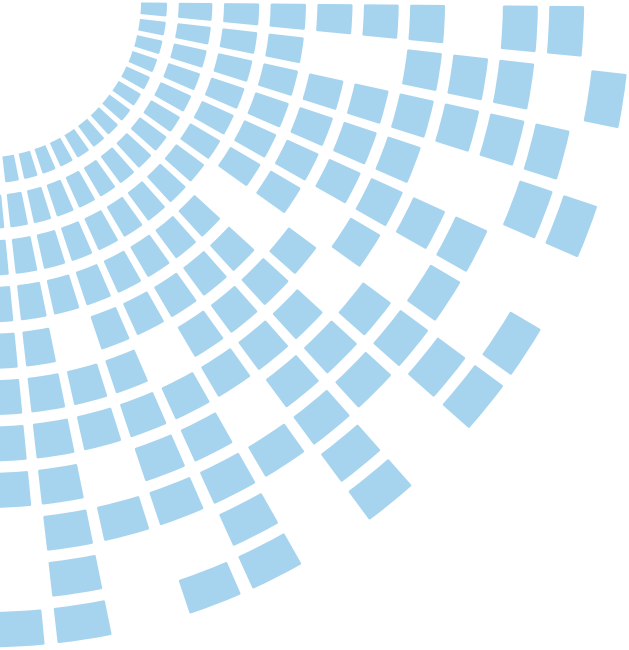
- 3rd edition medical safety approvals
- 2x MOPP (Means of Patient Protection)
- Operation temperature range -20 to +70°C
- Class II option available
- I2C communication bus (MBC600 Series)
- Adjustable main output
- The L Series (low-profile) offer supplies under 1" height
- Cover kits are optionally available



Applications

- Monitoring
- Diagnostic
- Ultrasound
- Home health care
- Dialysis
- Drug pump devices





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