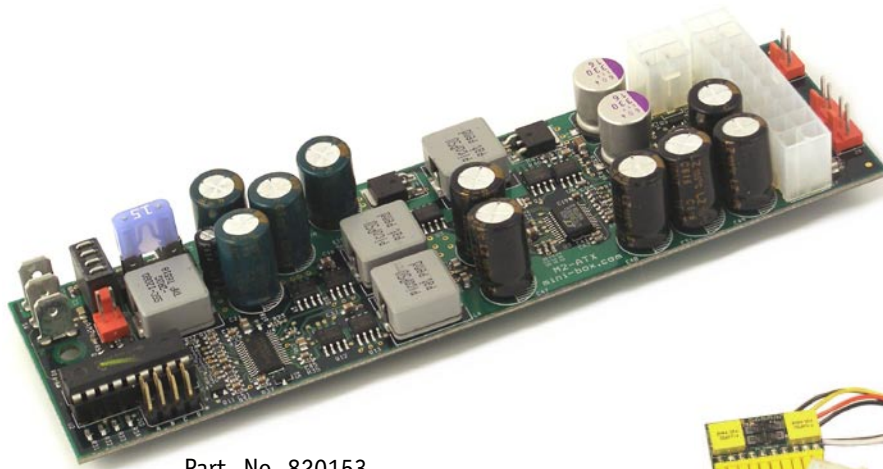
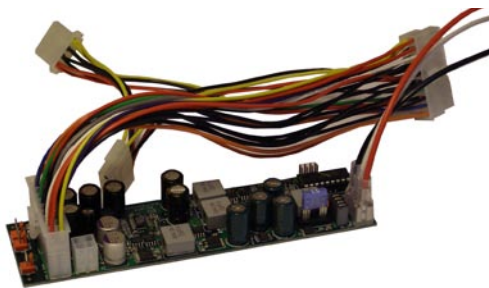


## ➤ DC-DC Power Supplies 90W - 150W

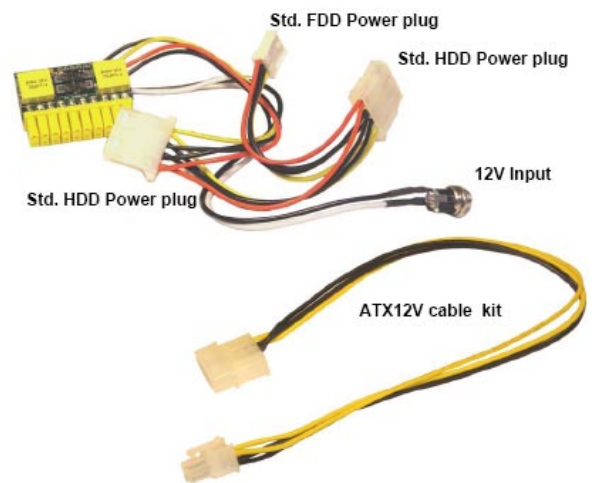
The DC-DC Power Supplies are fully compliant ATX power supplies designed to power a wide variety of motherboards



Part.-No. 820153



Part.-No. 820155



Part.-No. 820152

- Includes cable kit, inclusive ATX+12V cable
- Temperature 0 to +60 °C
- RoHS compliant
- Embedded. Typical lifetime 3-5 years

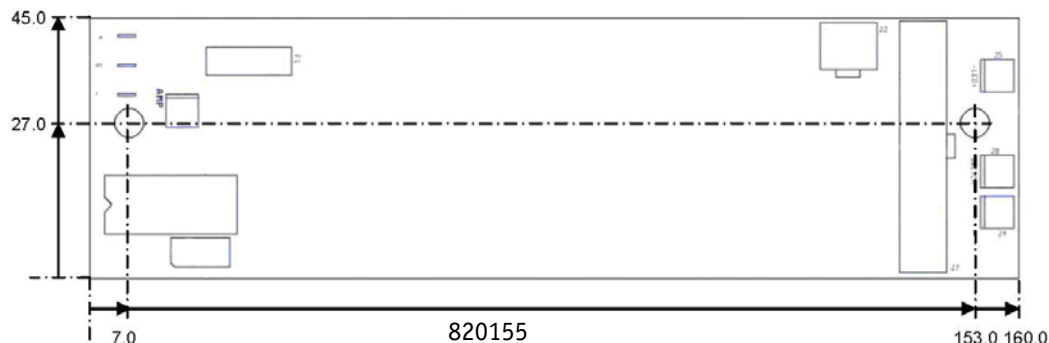
## ► Technical Information

<b>Size</b>												
820152: (L,W,H) = (44,5,20,30) mm												
820153: (L,W,H) = (160,45,35) mm												
820155: (L,W,H) = (160,45,35) mm												
<b>Lifetime</b>												
820152: MTBF=100K hours at 55 °C												
820153: MTBF=192K hours at 50 °C												
820155: MTBF=100K hours at 50 °C												
<b>Longevity</b>												
Embedded. Typical lifetime 3-5 years												
<b>Operating environment</b>												
Temperature: 0 to 60 °C.												
Relative Humidity 10 to 90% (non-condensing)												
<b>Input Requirements</b>												
820152: 12V regulated, +5% / -3%, max=10A (load dependent)												
820153: 10-25V regulated, max=15A												
820155: 10-32V regulated, max=15A												
<b>Voltage Outputs</b>												
Output voltage	Max Load / [A] (Fan less)			Max Load / [A] (Forced air)			Peak Load / [A] (<60 sec.)			Regulation		
Part.-No.	820152	820153	820155	820152	820153	820155	820152	820153	820155	820152	820153	820155
5V	4,8	6,0	5,5	6,0	8,0	6	8,0	12,0	6	+/- 1.5%	+/- 1.5%	+/- 1.5%
5VSB	1,5	1,5	1,45	1,5	1,5	2	2,0	2,0	2	+/- 1.5%	+/- 1.5%	+/- 1.5%
3.3V	4,8	6,0	3,9	6,0	8,0	6	8,0	12,0	6	+/- 1.5%	+/- 1.5%	+/- 1.5%
-12V	0.1	0,11	0,11	0,05	0,15	0,15	0,1	0,2	0,15	+/- 5%	+/- 5%	+/- 5%
12V	6,0	5,25	3,3	6,0	7,0	6	10,0	9,0	6	Switched input	+/- 2%	+/- 2%

## ► Ordering Information

Article	Part.-No.	Description
DC/DC 120W	820152	DC/DC 120W, 12V DC input w. ATX & P4-12V cable, Pico format
DC/DC 150W	820153	DC/DC, 150W, 10-25V DC input w. ATX & P4-12V cable
DC/DC 90W	820155	DC/DC, 90W, 10-32V DC input w. ATX & P4-12V cable

## ► Mechanical Drawing



## ► Corporate Offices

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