

# APD 110 C

Cummins  
Akso  
P 602



## Table 1: Voltage and Amp Ratings

400/230	110,00	88,00	100,00	80,00	Amp
					145,00

Technical specifications and notes regarding the generator's performance and configuration.

## Standard Specifications

Detailed technical specifications for the generator, including voltage, frequency, and power ratings.

Additional technical details and notes related to the generator's operation and maintenance.

## ALTERNATOR

Specifications and details for the alternator component of the generator.

## TRANSFER SWITCH

Specifications and details for the transfer switch component.

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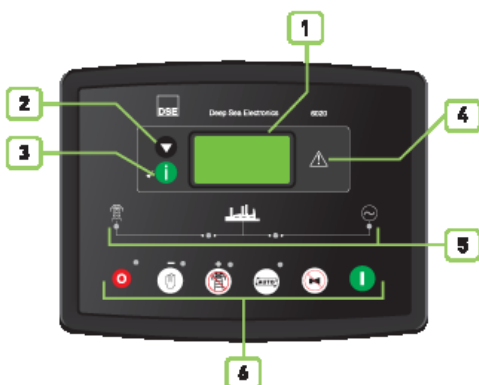


Manufacturer		Cummins						
Model		6 BT 5,9-G2						
		<table border="1"> <tr> <td>% \$ \$ ' "# "</td> <td></td> </tr> <tr> <td>- &amp; Z \$ \$ ' "</td> <td></td> </tr> <tr> <td>0 % &amp; ' Z \$ \$ &lt; DQ</td> <td></td> </tr> </table>	% \$ \$ ' "# "		- & Z \$ \$ ' "		0 % & ' Z \$ \$ < DQ	
% \$ \$ ' "# "								
- & Z \$ \$ ' "								
0 % & ' Z \$ \$ < DQ								
	L	5,900						
	"	102 X 120						
		17,3:1						
	fl # 7	"# " 1500						
	fl "7	L 16,40						
		L 32,90						
Absorbed Air Discharge Resource Key.Text	' # "	6,50						
	' # "	136,00						
	' # "	16,80						
		24 V d.c.						
	Load	% \$ \$ i						
	# "							
		22,00						

		Aksa
		AK480
	Hz	50
	"	100,00
7 cg'		0,80
		3
	fl 7	400/230

		fl "7		fl "7	
	"	"	"	"	L
APD 110 C	1280,00	2150,00	1000,00	1470,00	195,00
		fl "7		fl "7	
	"	"	"	"	L
ASM 5	1700.00	3120	1070	1720	195

## D \* \$ & !'



- 1 A U]b'ghUhi g'X]gd'Un'i
- 2 8]gd'UmigVwc''Vi hrcb"
- 3 DU[ Yf]bZcfa U]cbk'Vi hrcb"
- 4 7 ca a cb'U'Ufa ']bX]VUrcf"
- 5 GHUhi g'@98'ij
- 6 CdYfU]cb'g'Y'VW]b[ 'Vi hrcbg"

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1

8G9ža cXY\*\*&&\$5i hc'A U]bg: U]i fy'Včbfc`a cXi `Y"  
6UHYfmVXUf[Yf`jodi h%, !&\*(j c'hžci hdi h`&+ž`J` )`5 f&(J ěcf% ž`J c'h) 5 f%&J ě  
9a Yf[YbVhrgčd`di g\ Vi Hčb`UbX`Z gYg`Zcf`Včbfc`WfVW`jhg`

2

7ca dcbYbtrj]bgrU`YX`]b`g\YYhgHY`YbWčgi fy"D\cgd\UHY`VWYa ]W]ždfY!VčUhb[ `cZghY`dfcj ]XYg`Včfcg]cb  
fyg]g]Ubhgi fZUW`Dc`mYgYfVča dcg]HY`dck XYf`redVčUhcfa g`\ [ `cgg`UbX`Yi HfYa Y`mXi fUV`Y`Z]b]g\`@cW`UV`Y  
UbX`\]b[ YX`dUbY`Xccf`dfcj ]XYg`YUgmUWVWgg`hc`Vča dcbYbtrj`

3

`7cbfcd`dUbY`]g`a ci bHYX`cb`VUgYZUa Y`k ]H`ghY`ghUbx`"@cW]HYX`UhH`Y`f[ \hg]XY`cZH`Y`[ YbYfUčf`gYhfK` \Yb`mci  
`cc`\_`UhH`Y` ; Yb`GYH`Zca`5`HYfbUčfč

4

H\Y`8G9`\*`&&\$`]g`U`ghUbxUfX`Včbfc`a cXi `Y`Zcf`ci`f`[ YbYfUčf`gYhg`i`d`hc`&&\$`\_`J`5`UbX`ih`Uj`Y`VYYb`XYg][ bYX`hc  
ghUfhUbx`ghčd`X]YgY`UbX`[ Ug`[ YbYfUčf`gYhg`H\Y`8G9`\*`&&\$`a cXi `Y`\Ug`VYYb`XYg][ bYX`hc`a`cb]čf`[ YbYfUčf  
Z]Yei`YbVhř]`c`h`W`fYbř]Yb[ ]bY`c`]`dfYggi`fYžVčc`UbHfYa`dYfUhi`fY`fi`bb]b[ ` \ci`fg`UbX`VUHfYfmj`c`hg`"A`cXi`Y  
a`cb]čf`g`H`Y`a`U]bg`gi`dd`m`UbX`gk`]H\`cj`Yf`hc`H`Y`[ YbYfUčf`k` \Yb`H`Y`a`U]bg`dck`Yf`Z]g`"H\Y`8G9`\*`&&\$`U`gc  
]bX]W]HYg`cdYfU]cbU`ghUhi`g`UbX`Z]i`h`VčbX]hčbgž`5i`hca`U]W]`mg`li`H]b[ `Xck`b`H`Y` ; Yb`"GYH`UbX`[ ]j`]b[ `Hf`Y`Z]fghi`d  
Z]i`h`VčbX]hčb`cZ` ; Yb`"GYH`Z]i`fY`"H\Y`@7`8`X]gd`Um]bX]W]HYg`H`Y`Z]i`H`

A ]WčdfcWggcf`Včbfc`"YX"  
@7`8`X]gd`Uma`U`\_`Yg`]b`Z`fa`U]hčb`YUgmhc`fYUX"  
(!`]bYž`\*(`1`%`&`d])`Y`X]gd`Um!  
5i`hca`U]W]`m]f`UbgZ]f`g`VYH`YYb`a`U]bg`fi`H]`m]k`UbX`[ YbYfUčf`dck`Yf`  
A`Ubi`U`dfc`[ fUa`a`]b[ `cb`ZcbhdUbY`"  
I`gYf]Z]YbX`mgYH`i`d`UbX`Vi`Hčb`Učci`H`  
: fcbhdUbY`dfc`[ fUa`a`]b[ "  
F`Ya`c`Y`g`H`f`H`  
9j`Ybhi`c`[ ]b[ `f%\$tg\ck`]b[ `XUHY`UbX`h`a`Y`  
7cbfcd`g`Ghčd`#`YgYh`Z`A`Ubi`U`ž`5i`hčž`HYg]ž`GHUf]ž`Vi`Hčbg`"5b`UXX]hčbU`di`g\`Vi`Hčb`bYi`hč`H`Y`@7`8`X]gd`Um]g  
i`gYX`hc`gWč`"H`fci`[ \`H`Y`a`cXi`Y`gfa`YHf]b[ `X]gd`Um`g`

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9B: #9  
9b[ ]bY'gdYYX"  
C]'dfYggi fY"  
7cc'UbhY'a dYfUhi fY"  
F i b' hja Y"  
6UHYfmj c'rg"  
7cbZ[ i fUVY' hja ]b[ "  
; 9B9F 5HCF  
J c' hU[ Y f@ @B' "  
7i ffYbhf@&!@ E"  
: fYei YbVW"  
A 5-BG  
J c' hU[ Y f@ @B' "  
: fYei YbVW"  
A U]bg'fYUXn"  
A U]bg'YbUVYX"  
; Yb"GYhfYUXn"  
; Yb"GYhYbUVYX"

K 5F B-B;  
7\Uf[ Y Z]i fY"  
6UHYfm@ck #][ \j c' hU[ Y"  
: U] 'hc' ghcd"  
@ck #][ \ [ YbYfUhc'f] c' hU[ Y"  
I bXYf#j Yf[ YbYfUhc'f ZYei YbVW"  
Cj Yf# bXYf'gdYYX"  
@ck c]'dfYggi fY"  
<][ \ V'c' UbhY'a dYfUhi fY"  
G<I H8CK BG  
: U] 'hc' gUff"  
9a Yf[ YbVW'ghcd"  
@ck c]'dfYggi fY"  
<][ \ V'c' UbhY'a dYfUhi fY"  
Cj Yf# bXYf'gdYYX"  
I bXYf#j Yf[ YbYfUhc'f ZYei YbVW"  
I bXYf#j Yf[ YbYfUhc'f] c' hU[ Y"  
C]'dfYggi fY'gYbgcf'cdYb"  
7cc'UbhY'a dYfUhi fY'gYbgcf'cdYb"  
9@97 HF =75@HF -D  
: YbYfUhc'f] YfW'ffYbh"

: 'Yi J'V'Y'gYbgcf'WVb VY V'c' bfc'`YX'k ]h' h'Ya dYfUhi fYz  
dfYggi fYz dYfVW'bhU[ Y f'k Ufb]b[ #]i h'Xck b# 'YVW'VW' hf]dL  
@c'WV'gYh]b[ 'dUfUa YHfg'UbX'a cb]h'f]b[ 'Zca 'D7' hc  
V'c' bfc'`a cXi 'Y'k ]h' I G6 V'c' bbYVW]cb' f'a Ul '\* 'a H'

9`YVW]VW'`GUZYfm#9A 7 `V'a dUfV] ]hm6G`9B`\*`\$`-)`\$  
9`YVW]VW'`Vi`g]bYgg`Yei`]da`Ybh`  
6G`9B`\*`%`\$`\$`!`\*`&`9A`7`]a`a`i`b]`migtUbXUfX`  
6G`9B`\*`%`\$`\$`!`\*(`9A`7`Ya`jgg]cb`ghUbXUfX`

'6UHYfmVUf[ Yf]g'a Ubi ZVW' fYX'k ]h' 'gk ]h'W]b[ !a cXY'UbX'GA 8 'YVW'bc'c[ mUbX'ih\Ug\ ][ \ YZ]VbYVW' 6UHYfmVUf[ Yf  
a cXY'gfci hdi hJ !=VUfUWVf]gh]W]g] YfmV'cgY'hc'gei UfY'UbX'ci hdi h]g' ]'Ua dYfz% z' ]'Zcf'%&j'c'hUbX'&+Z' ]'Zcf'&'( ]'  
#bdi h% , ' ! &\* ( j c'h57 "'Dfc]bY'&(\$) \Ug'Z' `mici hdi hg\chVW]hdfchVW]cb'UbX'ihVWb'VY'i gYX'Ug'U'VW'ffYbhgci fVW"  
Dfc]bY'%&\$) #&(\$) VUf[ Yf'\Ug'\ ][ \ YZ]VbYVW'cb[ " ]Z'Z'`ck`ZU]i fY'fUfYz' ][ \hk Y][ \hUbX'`ck` \YUhfUX]UfYX' ]b  
UVV'cfXUbW'k ]h' ]'bYUf'U'HYfbU]j Yg' H\Y'VUf[ Yf]g'Z]h'YX'k ]h' U'dfchVW]cb'X]cXY'UV'cgg'h'Y'ci hdi h'7 cbbYVW'VUf[ Y'Z]  
fY'UmV'c]`VY'hk'YYb'dcg]h]j Y'ci hdi hUbX'7: 'ci hdi h' H\Y'mUfY'Yei ]ddYX'k ]h' F: =Z]h'f'hc' fYXi VV'Y'YVW]VW'`bc]gY'fUX]UfYX  
Zca 'h'Y'XY'jVW"; Uj Ub]W'`m]gc'UfYX' ]bdi hUbX'ci hdi h]md]VW'`m(\_J`Zcf'\ ][ \ fY' ]UV] ]h'f

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- 1 Steel structures.
- 2 Emergency stop push button.
- 3 Control panel is mounted on the baseframe . Located at the right side of the generator set.
- 4 Corrosion-resistant locks and hinges.
- 5 oil could be drained via valve and a hose
- 6 Exhaust system in the canopy.
- 7 special large access doors for easy maintenance
- 8 Base frame -fuel tank.
- 9 Lifting Points.
- 10 sound proofing materials.

	"	1070
fl "L	"	3120
fl "L	"	1720
	L	195