

# AC 1650

Motor : Cummins  
Alternatör : Mecc Alte  
Kontrol Sistemi : P 732



## ISO8528

6i 'YbYfUf f [ fi Vi '-GC, ) & 'm bYfa Y'L' UfhUfibi'\_Uf i'UntUW'\_gYj ]nYXY'fUgUfUba i' hf"

## SZUTEST

6i 'YbYfUf f [ fi Vi '-GC - \$\$\$gYfhZ'\_U" nY'\_L'Yf]bY [ " fY'fUgUfUba i' j Y' fYf]a ] hf"



6i 'YbYfUf f [ fi Vi '79'gYfhZ'\_U' UfhUfibi'U'i m] i bXi f

## 2000/14/EC

GYG'mUihä '\_UV]b'[ [ fi d'Ufz&\$\$\$#/( #97 '5j fi dU[ ' f' h' m bYfa Y' ] bY [ " fY'fYghYX] ]f"

u\_i ] ; 'WZ' !: Untz) \$<nz; : '\$Z

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kW	kVA	kW	Amp
400/230	1650,00	1429,00	1400,00	1200,00	2020,00

Standby Güç (ESP): ; 'jYb]f' YVY'\_UmbU' ibib'\_Yg]a Yg]Xi fi a i bXUzXY ] \_YbYY\_f]m'\_Y [ ' , fYa ]b'Yfa YXY'\_i 'Ubrif'9GDz'-GC, ) & 'Yi m a i Xi f'5' ifi m'\_Ya YnY' ]n]b] Yf]a Ya ] hf"

Prime Güç (PRP): 8Y ] \_YbYY\_f]m'\_Yz [ ' , fYa ]b'Yfa YXY'zmi'\_L'gibifgin', U'i a U' gUUh] ]b'\_i 'Ubrif'DF DZ'-GC, ) & 'Yi m a i Xi f' '-GC' \$( \* mU [ ' fY' %&gUUh, U'i a U'dYf]ncXi bXU%gUUh\$& ' U' ifi m'\_Ya Y ] ]b'\_i 'Ubrif"

### GH5B85F H'x N9@@? @9F

5 if'\na Yh]d]zgi 'gc i ha U'iX]nY'a chcf  
F UXnUf f] Y a Y\_Ub'\_ZUb  
8" bYb]j Y'giWU'\_dUF, UUFU'Xc'\_i ba Um'i" b'YnYb'\_cfi m' W'\_UZyg  
9'Y\_f] ]a Uf 'a chcfi j Y' Uf'U'fYfbUf f'  
5'\_f] f i b'Ug]h]z'\_UV'c'Ufi j Y'gY'vUg  
A chcf V'c'\_gi m' i'gihVgi  
uY'\_L' UgY j Y'f]fY 'ja " b'Yn]WYU'\_cn'Uf  
' fi d'U'U' Uf'i m'U'ihU'\_i'f5, i'gYh [ fi d'k  
9gbY'\_mU'ihVU 'U'bh'\c'fhi a 'U'f'i  
HY'\_mU'U'\_iz] Y < nU'ihä 'gibiZi'U'fYfbUf f'  
9bX' g]f]nY'\_UdUg]fYXY'gi ghi fi W j Y'YgbY'\_Y'\_L'\_ca dYbgUf f'  
9'Y'\_fcb]\_U'\_ 'Uf'V\U'ni  
'i 'U'ba U j Y'a c'btU'^\_U'j i ni

### >9B9F 5Hx F '8CB5B-A 'G9u9B9? @9F

#### MOTOR

! 'l nU'\_fUXnUf f' 'gc i ha U  
! 'MU'ihgi 'UmifWZ]fY  
! 'MU' i'gihVgi

#### ALTERNATÖR

! '-gihVzfi h' VYh' b'Yn]WY  
- Büyük güçte alternatör  
! 'u\_i ] ' U'fYf]

#### KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)  
! ' YVY'\_Y' ]Y' g' fY'\_ ] dUFU'Y' g]g]fYa  
! ' YVY'\_Y' ]Y [Y, ] 'gYb'\_fcbi 'g]g]fYa ]  
! 'l nU'\_HUb] ]Yf] 'ja j Y'\_c'bf'c'  
! 'l nU' U'U'Ufa 'dUbY ]  
! '5'Ufa ] i' ] f' Y'Yf]  
! 'l nU'\_HUb] ]Yf] 'ja ža c'X'Ya ]Y  
! 'HcdfU'\_U, U' iziY'\_YbYfUf f'  
! ' Uf'Ua dYfa YfYg]

#### YARDIMCI DONATILAR

! 'C'ha UH'\_j YnU'a Ubi Y' nU'ihXci a 'g]g]fYa ]  
! 'MU' 'Vc' U'ha UzYY'\_f] ] dca dU  
! '8" ' ] Y m'\_gY'\_mU'ihgYj ]nYg]U'Ufa i  
- Egzoz susturucusu, meskün mahal tip  
! 'A i \UZ]nU'\_UV]b] /gYg' mU'ihä 'i'hd j YnU'U, i'\_U'Ub'hd  
! '< Uj U'\_UbU'i'UXUd'f' f'fUXnUf f' " b' 't  
! 'A chcfi 'dUb'f' f'U'U' [ ]f] j Y, i' ] 'XYj' fYg]k  
! 'GYg' mU'ihä 'i'\_UbU'f'U'U' [ ]f] j Y, i' ] 'XYj' fYg]k  
! '5'YhU'\_ja i' fVU'\_ja ] ]b'k  
! '% \$\$\$ \$\$\$, U'i a U'gUUh] ] ]b'VU'\_ja 'gYf]  
! 'u ]zhV'XUf' 'Ug]  
! '5b]h]n]j Y'a chcfmU 'Ua U'mU' i'f' '\$S7, Yj fY'g]WU'\_i' i' ] ]b'k  
! '5bU'MU'ihHUb'\_i  
! ' YVY'\_Y' #>YbYfUf f'fUbgZ'f'dU'bcgi

#### TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi  
! 'y, j YnU'X' f'h'\_i d'i 'a chcfi ] i' ] ' U'fYf]

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### 8 N9@A C HCF 'x N9@@? @9F

Üretici		Cummins		
Model		KTA 50 G8		
G]jbX]fj Y' HUGUfia		16 Silindirli, V - Tip		
Hava Emme		Hi fVc' UF'Yj Y'u ]hDca dU'u ]h8Yj fY']		
Maksimum Standby Güç		1500 d/dk		
		1429,00 kW [1915,00HP]		
Toplam Silindir Hacmi	L	50,300		
Çap ve Strok	mm	159 x 159		
G]i hifa U'C fUbi		14,9:1		
Norminal Devir	d/dk	1500		
Governör Tipi		Elektronik		
MU' ? UdUg]fYg]	L	204,00		
Su Kapasitesi	L	420,00		
Emilen Hava Debisi	m <sup>3</sup> /dk.	99,30		
Radyatör Hava Debisi	m <sup>3</sup> /dk.	2631,00		
Egzoz Gaz Debisi	m <sup>3</sup> /dk.	261,00		
9[ ncn; Un'GiWU_ı i	° C	510,00		
Elektrik Sistemi		24 V d.c.		
MU_ıhH' _Yfja ]	Yük	%100	%75	%50
	L/sa	289,00	222,00	155,00

### 5@H9F B5Hx F 'x N9@@? @9F

Üretici		Mecc Alte
Modeli		ECO46 1S/4
Frekans	Hz	50
Güç	kW	1500,00
HUGUfia		: if, Uginž( 'i h d'i
Cos fi		0,80
: Un'GUnigi		3
Voltaj	V	400/230
5_ia	A	2165,00
MU'ıha 'GibiZ		H
ıji' M _gY'a Yg]		H
Stator		&#' UXia
Rotor		HY_'MUı_ı'9gbY_'8]g_]
_Un'G]gY'a ]		Elektronik ( AVR )

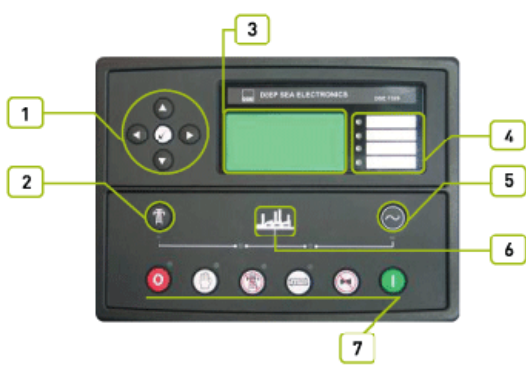
### 6CM H'j Y'5 ₺ @?

5, i; fi d	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ıh8Ydc ? UdUg]fYg]
	kg.	mm.	mm.	mm.	L
AC 1650	10100,00	5449,00	1950,00	2450,00	2000,00
Kabinli Grup	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ıh8Ydc ? UdUg]fYg]
	kg.	mm.	mm.	mm.	L
AK 98	15100.00	9000	2270	2550/3210	1900

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## 1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj ] [ Ugncb 'Vi hcb'Ufi
- 2 YVY\_Yj Y'fUbgZf'Vi hcbi
- 3 @78 'jY' ] 'Yha Y'Xi fi a 'Ufi'j Y'' , a Y [ " gYf [ Y'Yf]
- 4 5finU'U'Ufa '@98fYf]
- 5 Jeneratör ve transfer butonu
- 6 Durum Led'leri
- 7 uU'i a U' 'Y\_] 'gY, a Y Vi hcb'Ufi

## 2 Cihazlar

8G9ž a cXY'+' &\$'C hca UH\_ ' YVY\_Y'5finU'jnYa Yj Y'YbYFUH f'\_cbhfc''a cX''  
9'Y'\_fcb]\_U\_'' Uf'V\U'ni  
5VY'Xi fXi fa U'Vi hcbi 'j Y'\_cbhfc''XYj fY'Yf] , ]b'g] [ cftU'Uf

## 3 Müdi'j Y'6cniU

7 ]\Un'Uf , Y ]\_gUWU'ub ]a U'YX]a ] 'dUbc'\_UV]b]bY'a cbHU'ntüdi'if''DUBc'gUWZc'gZU'h\_]a ntUgU'i']Y'\_Ud'UbUfU'\_gUW  
m'ny'j'\_cfcnc'cbU'X]fYb , ]\U'Y [ Y'h]f]f''Dc'mYgYfV]Y ]\_hcn'VcnU'j Y'Zf'ib'Ua U' ] 'Ya ]]Y'dUbc'\_UV]b]bY'gcb'XYfYVW  
XUnübi\_'i'VcnU'ntüdi'if''? ]h]j Y'a YbiY Y']dUbc'\_UdU 'i']Y V\Un'UfU'i 'U a U'\_c'UmXif''

## 4 Montaj

? cblfc''dUbcgi ž'YbYFUH f [ fi Vi ' Ug]g]''nyf]bXY\_] 'gU 'Ua ; Y ]\_Unü'Uf'j YntU' [ , ; ]\_i'Y'Yfa ]bU'a cX''''nyf]bY  
a cbHU'ntüdi'if''  
DUbcž'YbYFUH f [ fi Vi bi b'ntü'b'UfUZbUZ [ " n\ ]nUgi'gYj ]nYg]bY'nyfY 'h]f]f''

## 5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$  
&&\$'\_j 5 j Y''nyf] 'YbYFUH f [ fi d'Ufia inXU'8G9+' &\$'\_cbhfc''g]gY'a ]ghUbXUf'Xif''9'Y'\_fcb]\_j Y'Y'\_fcb]\_c'a Untub  
[ Unj'Y'X]nY'a ctef'i 'YbYFUH f [ fi d'Ufibi'b'c'ha UH\_'c'UfU\_ , U'i hifi'a Ugi'j Y'Xi fXi fi 'a Ugi' , ]b'fUgUf'Uba 'i' hif''  
5nfiW'a cX'' YVY\_Y'j c'fU'fbi'j Y'ZfY'\_Ubgibi'jn'Yf'j Y'nYXY\_'YbYFUH f [ fi Vi ]Y'cbU'VU 'i' [ , 'fUbgZf'g]gY'a ]b  
\_cbhfc''YXYf''

### Standart Özellikler

A ]\_fc' ] 'Ya VY]Y'\_cbhfc''ntüdi'a 'i' Xif  
% &I '\* ( 'd ]\_gY'ž@78 [ " gYf [ Y ]Y V] [ ]Yf'\_c'Unü'\_U'c\_ ] bi f  
A cX'''' b'dUbY]bXYb j YntU'D7 j Y'ntüni'ia i'j Ugi'fUgimU'dfc [ fUa 'Ua U  
M a i U\_'h' 'i' 'a Ya VfU'b\_'Uj mY'j Y'VY 'h' 'i' 'a Yb~ 'bUj ] [ Ugncb  
9H.YfbYhj Y'F G&' &žF G ( , ) j Ugi'fUgimU'i nU'\_hUb']Yh] 'ja j Y'GA G ]Y'fUdcf'U'a U  
HUf] j Y'gUUh]Y'\_UmihXYZYf]bXY'UfinU'c'Um'if] \$E [ " gYfa Y  
uc\_'i' fUf] \ ] Y'gUUh]Y'a ctef'Y [ nyfg]n'Xi fi a i 'j Y'VU\_'ia 'dfc [ fUa i  
'? cblfc''h' 'Ufi. 'GhcdžA Ubi Y'žC hca UH\_žHYghžGHUfžGYgg]n'#@Ua VU'fYghž  
>YbYFUH fY'fUbgZf'ž' YVY\_Y'mY'fUbgZf'žA Yb~ 'bUj ] [ Ugncb  
A ctef'V'c\_'gi m'igihW'\_cbhfc''

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## Ölçme Göstergeleri

A C H C F  
A c h c f X Y j ] f ]  
M U \ V U g i b W  
G i ' g i W \_ i i  
u U i ' a U g U U j  
5 \_ j c ' U i ^  
A c h c f V U \_ j a ' n U a U b i [ Y ' a ]  
> 9 B 9 F 5 H x F  
J c ' U > f @ & z @ B t  
5 \_ j a f @ & ! @ t  
: f Y \_ U b g  
H c d f U \_ \_ U , U i  
\_ K  
7 c g j  
\_ j 5 f  
\_ K \ z \_ j 5 \ z \_ j 5 f  
: U n g i f U g i  
9 6 9 ? 9  
J c ' U > f @ & z @ B t  
: f Y \_ U b g

## Koruma Devreleri

? 5 N  
U f ^ U f i n U g i  
8 ^ \_ \_ U \_ j c ' U i ^  
G h c d ' U f i n U g i  
8 ^ \_ \_ n U \_ i h g Y j ] n Y g ] f t c d g t  
\_ K \_ U i f i m \_  
H Y f g Z J n g i f U g i  
< i n g ] b m U ] \_ U n i d  
x B ! 5 @ 5 F A @ 5 F  
8 ^ \_ \_ n U \ V U g i b W  
M \_ g Y \_ a c h c f g i W \_ i i  
8 ^ \_ \_ a c h c f g i W \_ i i  
8 ^ \_ \_ # M \_ g Y \_ a c h c f \ i n i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f Z Y \_ U b g i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f j c ' U i ^  
9 7 I \_ ] U n  
8 I F 8 I F A 5 ' 5 @ 5 F A @ 5 F =  
G h f h U f i n U g i  
5 W g h c d  
8 ^ \_ \_ n U \ V U g i b W  
M \_ g Y \_ a c h c f g i W \_ i i  
8 ^ \_ \_ g i ' g Y j ] n Y g ]  
8 ^ \_ \_ # M \_ g Y \_ a c h c f \ i n i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f Z Y \_ U b g i  
8 ^ \_ \_ # M \_ g Y \_ Y b Y f U h f j c ' U i ^  
M U \ V U g i b , U [ i ' U n i W U , i \_ X Y j f Y  
: U n m b  
9 @ 9 ? H F ? G 9 @ 5 u A 5  
H c d f U \_ \_ U , U i  
\_ K \_ U i f i m \_  
> Y b Y f U h f U i f i U \_ j a  
H Y f g Z J n g i f U g i

## Opsiyon Özellikleri

M \_ g Y \_ n U ' g i W \_ i i ! X i f X i f a U  
8 ^ \_ \_ n U \_ i h g Y j ] n Y g ] ! X i f X i f a U  
8 ^ \_ \_ n U \_ i h g Y j ] n Y g ] ! U U f a  
M \_ g Y \_ n U \_ i h g Y j ] n Y g ] ! U U f a  
; 9 B @ 9 A 9 ' A C 8 y @ 9 F  
' U j Y @ 9 8 ' a c X ' ' f & ) ( , t  
; Y b ] ' a f ' ' Y ' a c X ' ' f & % @ + t  
; Y b ] ' Y a [ ] f ] ' a c X ' ' f & % \$ t

## Standartlar

9 Y Y \_ h f ] g Y ' ; \_ j Y b ] \_ # 9 A 7 i n i b i \_  
6 G 9 B \* \$ - ) \$ 9 Y \_ h f ] \_ ] ] V U n U f i  
6 G 9 B \* % \$ \$ ! \* ! & 9 A 7 ' a i U Z n Y h  
6 G 9 B \* % \$ \$ ! \* ! ( ' 9 A 7 ' Y a ] g n c b g h U b X U f i

## 9 Y \_ h f c b ] \_ 5 \_ ' U f ^ 7 ] U n i

5 \_ ' U f ^ U n i ' g k ] h W ] b [ ! a c X Y j Y ' G A 8 ' Y \_ b c ' c ] g ] ] Y ' ' f Y ] a ] X ] f j Y ' m \_ g Y \_ j Y f ] a Y ' g U \ d h f "  
5 \_ ' Z j ! ' = \_ U f U \_ h Y f ] g h \_ Y f ] g ] b Y [ ' f Y ' U f ^ Y X ] ] f "  
7 ] U n ; i \_ i \_ i g U X Y j f Y n Y \_ U f i \_ c f i b a i h f "  
& ( \$ ) ' U f ^ U n i z ' ] b Y Y f ' U f ^ U n U f i b U [ ' f Y X U \ U j Y f ] a ' z i n i b " a ' f ' z U f i n U c f U b i ' X U \ U X ' \_ \_ z \ U Z j Y ' i g i n U m a U g i ' , c \_  
X ' \_ \_ h f  
H Y f g \_ j h i d ' V U ' U b h g i b U \_ U f i \_ c f i b a i h f  
' U f ^ U f i n U g i , i \_ i ' a Y j W h i f "  
; ] f ] j c ' U i ^ : % , ! & \* ( J "  
u i \_ U \_ j a i . & + z ' j Y n U % z j ) 5 "

