

# AC 1650

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



## ISO8528

6i 'YbYfUhf f [ fi Vi 'GC , ) & , 'm bYfa Y' ] UfhUfibi' \_Uf i'UntUW' \_gYj ]nYXY' hUgUfUba i' hf"

## SZUTEST

6i 'YbYfUhf f [ fi Vi 'GC - \$\$\$gYfhZ\_U' nY' ] \_Yf]bY [ " fY' hUgUfUba i' j Y' fYh'a ] hf"



6i 'YbYfUhf f [ fi Vi '79'gYfhZ\_U' UfhUfibiU' i m] i bXi f

## 2000/14/EC

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

u' ] ; '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\_Y' \_UnbU 'ibib'\_Yg]a Yg]Xi fi a i bXUzXY ] \_YbYY\_hf\_]m\_Y [ , 'fYa ]b\_Yfa YXY'\_i 'Ubrif'9GDz-GC, ) & , 'Yi ni a i Xi f'5 ifi m'\_Ya YnY' ]n]b] Yf]a Ya ] hf"

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

## GH5B85FHx N9@@?@9F

Gi'gc i' ha U' iX]nY'a ctefF UxntUhf f] Y'a Y\_Ub'\_ZUb'8' bYb] Y' giVW'\_dUf, U'UFU'Xc\_i ba Uni" b'YnYb'\_cfi mi W'\_UZ'g'9Y\_hf\_]a Uf 'a ctefi j Y' Uf^U'YfbUhf f' 5'\_f] f i b Ug]h]z'\_UV'c Ufi] Y'gY'dUgi'A ctefV'c\_gi mi 'gihVgri' u Y'\_ UgY' j Y' hYf] Ja " b'YnY'W'U'\_cn'Uf; fi d'Uub' Unfi nU' jh'U' b\_j' f5, i' gYh [ fi dE'9gbY'\_mU'\_ih VU 'Ubh' \c'fhi a 'Ufi HY'\_mU'U'\_iz] Y' < mU'ih'a 'gibiZi' U'YfbUhf f'9bX' g'f]nY' '\_UdUg]h'XY' gi ghi fi W' j Y' YgbY'\_ Y'\_ ]\_ca dYbgUhf f'9Y'\_fcb'\_U'\_ Uf^V'X'Uni ?i 'Uba U' j Y'a cbU'^\_U' j i ni ; fi d'Ufibi ZY'\_Ubg] Y' c'U' ^fY [ ' Ugn'c'bi 'GC , ) & ! ) Yi ni a i ; B: D5%\$&U [ c'fY' i %\$&\$ m'\_ 'U'Xifa U'\_hXif"

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

### MOTOR

! 'i nU' fUXntUhf f' 'gc i' ha U  
! 'MU' h'gi 'UmfiWZ] hY  
! 'MU' 'gihVgri

### ALTERNATÖR

! 'gihVZ' fi h' VYh' b'YnY'  
- Büyük güçte alternatör  
! 'u' ] ' U'Yf]

### KONTROL PANOSU

- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)  
! ' YVY\_Y' ] Y' g' fY'\_ ] dUfUY' ] g] hY'a  
! ' YVY\_Y' ] Y [ Y, ] ' gYb\_fcbi' g] hY'a ]  
! 'i nU' hU' b ] Yh ] ja ] j Y'\_cbifc'  
! 'i nU' U' U' Ufa' dU' bY'  
! '5' Ufa ] ; ] ' f' Y' Yf]  
! 'i nU' hU' b ] Yh ] ja za cXYa ] Y  
! 'HcdfU'\_U, U' iziY'\_YbYfUhf f  
! ' Uf^Ua dYfa Y' fYg]

### YARDIMCI DONATILAR

! 'C'ha U'h ] j YntU' a Ubi Y' nU' hXci a ' g] hY'a ]  
! 'MU' 'Vc' U' ha UzYY'\_hf\_] dca dU  
! '8' ' ] j Y' m'\_gY'\_ntU' h'gYj ] nYg] U' Ufa i  
- Egzoz susturucusu, meskün mahal tip  
! 'A i \UZ]nU'\_UV]b] /gYg'ntU'ih'a ' i' h' d' j YntU' U, i' U' U' b' h' d'  
! < Uj U'\_UbU' i' U' Xudh' f' f' fUXntUhf f' " b' t'  
! 'A ctefi ' dU' b' f' f' U' j U [ ] f] j Y, i' ] ' XYj fYg] t'  
! 'GYg'ntU'ih'a ' i' U' b' U' f' U' j U [ ] f] j Y, i' ] ' XYj fYg] t'  
! '5' Y' h' U' \_ia i' f' VU'\_ia ] ] b' t'  
! '9' \$\$\$ \$\$\$, U' i' a U' gUUh] ] ] b' VU'\_ia ' gYh'  
! 'u' ] zh' V' X' U' f' i' U' g]  
! '5' b' h' Z' ] n' j Y'a ctef' mU' 'Ua U' nU' i' fi' \$S7', Yj fY' giVW'\_i' i' ] ] b' t'  
! '5' b' U' MU' \_ih' H' U' b' \_i  
! ' YVY\_Y' #>YbYfUhf f' h' f' U' bgZ' f' dU' b' c' g]

### TRANSFER PANOSU

- Üç veya dört kutuplu transfer sistemi  
! 'y, j YntU' X' f' h' \_i' h' d' i' a ctefi ] ; ] ' U' Y' f]

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### 8 N9@A C H C F '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	m³ /dk.	99,30		
Radyatör Hava Debisi	m³ /dk.	2631,00		
Egzoz Gaz Debisi	m³ /dk.	261,00		
9[ ncn; Un'GiWU_ı i	° C	510,00		
Elektrik Sistemi		24 V d.c.		
MU_ihH' _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	kVA	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'ihia 'GibiZ		H		
çji' M _gY'a Yg]		H		
Stator		&#' UXia		
Rotor		HY_'MUU_ı'9gbY_'8]g_]		
_Un'G]gY'a ]		Elektronik ( AVR )		

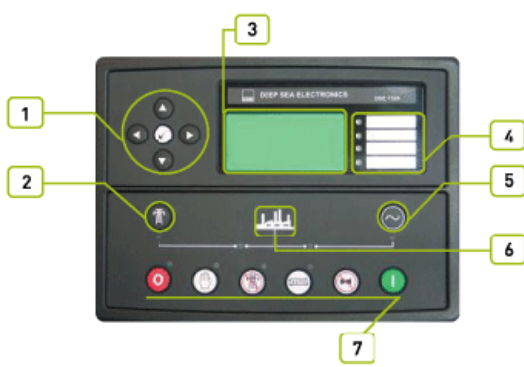
### 6CM H'j Y'5 ₺ @?

5, i; fi d	? i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? 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_ih8Ydc ? 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 Yb̄' bUj ][ Ugnc̄b Vī hc̄b'Ufi
- 2 YVY\_Yj Y'fUbgZYfVī hc̄bi
- 3 @78 ]Y ] '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 Vī hc̄b'Ufi

## 2 Cihazlar

8G9ž̄a cXY''+ ' &\$'C hca UH\_ ' YVY\_Y'5finU']nYa Yj Y'YbYFUH f\_cbf̄c''a cX''  
9'Y\_fcb]\_U\_' ' Uf'V\Uni  
5V'Xi fXi fa U'Vi hc̄bi ' j Y'\_cbf̄c''XYj fY'Yf ] , ]b'g ] [ cftU'Uf

## 3 Müdi'j Y'6cñU

7 ]\Un'Uf , Y ]\_gUWU' b ]a U'YX ]a ] ' dUbc'\_UV ]b ]Y'a cbHU'^nÜdi'if'' DÜbc'gUWZc'gZU'h\_ ]a nÜgU'i ]Y'\_Ud'UbU'U'gUW  
m' nYm'\_cfcnc̄bU'X ]fYb , ]\U'Y [ Y'h ]f'' Dc'mYgYfV ]Y ]\_hc̄n'VcnU'j Y'Zfib'Ua U' ] 'Ya ] ]Y'dUbc'\_UV ]b ]Y'gcb'XYfY'W  
XUn'ubi\_'i'VcnU'^nÜdi'if''? ]h ]j Y'a Yb ]Y 'Y ]dUbc'\_UdU 'i ]Y'V\Un'UfU'i 'U' a U'\_c'UmXif''

## 4 Montaj

? cbf̄c'' dUbcgi ž'YbYFUH f [ fi Vī ' Ug ]g ]'' nYf ]bXY\_] ]gU 'Ua ; Y ]\_Un'U'U'f j YnU' [ ; ; ]\_i 'Y'Yfa ]bU'a cX'''' nYf ]b ]Y  
a cbHU'^nÜdi'if''  
DÜbcž'YbYFUH f [ fi Vī bi b'nÜb'fU'FUZbUZ [ " n\ ]nUgi'gYj ]nYg ]b ]nYfY 'h ] ]f''

## 5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$  
&&\$'\_ ] 5 j Y'' nYf ]'YbYFUH f [ fi d'Ufia inXU'8G9+' &\$'\_cbf̄c''g ]gY'a ]ghUbXU'fXif''9'Y\_fcb]\_j Y'Y'fcb]\_c'a Un'ub  
[ Un ] Y'X ]nY'a cfc̄f i 'YbYFUH f [ fi d'Ufibib'c'ca UH\_ 'c'UfU\_ , U'i hifi'a Ugi'j Y'Xi fXi fi 'a Ugi' ] , ]b'fUgU'fUba i' hif''  
5nfiW'a cX'' YVY\_Yj c'fU'fbi'j Y'ZY\_Ubgibi' ]n'Yf j Y'nYXY\_'YbYFUH f [ fi Vī ]Y'cbU'VU 'i [ , 'fUbgZYf'g ]gY'a ]b ]  
\_cbf̄c''YXYf''

Standart Özellikler

A ]\_fc ] 'Ya V ]Y'\_cbf̄c''nÜdi'a i' Xif  
% & i '\* ( 'd ]\_gYž'@78 [ " gYf [ Y ]Y'V ] [ ]Yf'\_c'Um'i'\_U'c\_ ] bi f  
A cX'''' b'dÜbY ]bXYb ] YnU'D7 j Y'nÜni'ia i'j Ugi'fUgimU'dfc [ fUa 'Ua U  
M a i'\_U\_'h' 'i' a Ya V'fUb'\_Uj m'Y'j Y'VY 'h' 'i' a Yb̄' bUj ][ Ugnc̄b  
9h'YfbYhj Y'F G&' &ž'F G ( , ) j Ugi'fUgimU'i nU'\_hUb' ]Y'h ]a ] Y'GA G ]Y'fUdcf'U'a U  
HUF ] j Y'gUUh ]Y'\_UmihXYZYf ]bXY'UfinU'c'Um'i'f ] \$L [ " gY'fa Y  
uc\_'i' fUf ] j Y'gUUh ]Y'a cfc̄fY [ nYfg ]n'Xi fi a i' j Y'VU\_'ia 'dfc [ fUa i  
? cbf̄c'' h' 'Ufi. Ghcdž' A Ubi Y'ž' C hca UH\_ ž'HYghž'GHUfž'GYgg ]n' #@Ua VU'fYghž'  
>YbYFUH fY'fUbgZYfž' YVY\_Yn'Y'fUbgZYfž' A Yb̄' bUj ][ Ugnc̄b  
A cfc̄fV'c\_ ]gi m'i'gihW'\_cbf̄c''

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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 @ i @ z @ B t  
5 \_ j a f @ i @ & i @ 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 @ i @ 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 u 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

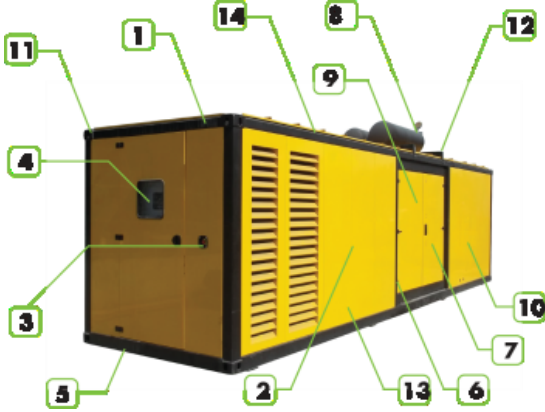
## 9 Y \_ h f c b ] \_ 5 \_ ' U f ^ 7 ] U n i

5 \_ ' U f ^ V U n i ' g k ] h W ] b [ ! a c X Y j Y ' G A 8 ' H 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 ^ V U n i z ' ] b Y Y f ' U f ^ V 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 i 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 "

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## AK 98 - Kabin



- 1 uY\_ d'fcZ' j Y' gU, KU' ja U' U' imW\_ Uf\_ Ug' mUdi
- 2 uY\_ gU, BU' b' ja U' d'UbY' Yf' Y' \_UV' b' c' i i a i
- 3 Acil durdurma butonu
- 4 ? cblfc' d'Ubcgi 'Uf\_ U' U' U' F' U' Z' U' Ug' Yn' Y' a' cbl' U' Y'
- 5 ? UV' c' ; i\_ i' U' H' U' b
- 6 ? cfc' n' c' b' U' X' U' n' U' b' i' \_' i' \_' ]' h' j' Y' a' Y' b' H' Y' Y' f'
- 7 MU' 'Vc\_ U' fa' U' a' c' f' c' f' n' n' Y' f' j' b' X' Y' j' U' b' U' j' Y'
- 8 Egzoz sistemi kabin üstünde
- 9 < Yf' \_' ]' U' F' U' Z' U' V' U' \_' ja' i' \_' c' \_' U' m' U' h' f' U' b' \_' ]' h' Y' b' Y' V' ]' f' [ Y' b' ] \_' U' d' i' U' f'
- 10 MU' \_' ih' X' Y' d' c' gi' \_' UV' ]' b' ]' b' ' b' U' F' U' Z' b' X' U' Z' U' n' f' i' V' ]' f' \_' ]' h' Y' b' Y' V' ]' f' \_' U' d' i' Y' i' ' U' i' f'
- 11 ? U' X' i' fa' U' j' Y' U' \_' ia' U' ' bc' \_' H' U' gi' \_' UV' ]' b' \_' n' Y' f' j' b' X' Y' Z' \_' cb' H' Y' n' b' i' f' i' a' U' d' U' gi' \_' Y' \_' ]' b' X' Y'
- 12 Radyatör su dolumu için kapak
- 13 GYg' n' U' i' ha' 'a' U' n' Y' a' Y' Y' f'
- 14 H' U' j' U' b' U' ; i\_ i' ; ]' b' V' U' ga' U' \_' a' Y' f' X' j' Y' b' "

## y f' b' < U\_ ibXU

GYg' n' U' i' ha' i' j' Y' ? c' fi' ni' W' ? U' V' j' b' Y' f' 5' \_' g' U' ' Y' b' Y' f' U' h' f' [ fi' d' U' f' i' ] ; ]' b' U' \_' i' g' h' \_' ' a' \_' \ Y' b' X' ]' g' Y' f' ]' U' F' U' Z' b' X' U' b' z' n' c' f' \ U' j' U' j' Y' ; Y' j' f' Y' U' f' i' b' U' i' m' i' b' [ Y' ] h' f' j' Y' b' ' g' Y' g' n' U' i' ha' i' z' \_' c' fi' a' U' \_' UV' ]' b' Y' f' / ] X' Y' U' ' g' Y' g' Y' j' ] n' Y' g' j' j' Y' \_' c' fi' a' U' \_' g' U' \_' U' n' U' W' U' \_' Y' \_' ] X' Y' H' U' g' U' f' U' b' i' f' U' F' 5' \_' g' U' \_' UV' ]' b' Y' f' z' d' U' f' ; U' d' U' f' ; U' g' \_' \_' Y' V' ] ] f' z' a' c' X' \_' Y' f' m' U' d' i' X' U' Z' [ fi' V' U' \_' c' \_' U' m' g' Y' f' j' ] g' j' Y' V' U' \_' ja' ' n' t' d' U' V' ] a' Y' j' Y' ; U' i' h' i' i' n' Y' f' X' Y' d' U' f' ; U' X' Y' ] ] a' ] b' Y' c' U' b' U' \_' g' U' \_' U' F' 5' n' b' i' n' U' a' U' b' X' U' ' Y' b' Y' f' U' h' f' [ fi' V' i' b' i' b' ; Y' j' f' Y' g' i' W' U' \_' i' ' i' b' U' [ " f' Y' g' c' i' h' a' U' d' Y' f' z' c' f' a' U' b' g' i' j' Y' [ \_' ; i\_ i' X' Y' Y' f' j' b' X' Y' \ Y' f' U' b' [ ] g' j' ] n' Y' X' \_' \_' \_' \_' \_' ' a' Y' n' X' U' b' U' [ Y' h' fa' Y' n' Y' W' \_' m' U' d' i' X' U' c' a' U' g' i' b' U' X' ] \_' U' h' Y' X' ] Y' f' Y' \_' UV' ]' b' Y' f' X' ] n' U' n' b' Y' X' ] a' ] X' ] f' ? U' V' j' b' Y' f' b' ; Y' j' f' Y' g' i' W' U' \_' i' j' Y' g' Y' g' Y' j' ] n' Y' g' j' i' m' i' b' i' i' ; ]' b' d' f' c' h' U' d' i' Y' g' h' Y' f' ] m' U' d' i' X' i' \_' U' b' \_' g' c' b' f' U' \_' f' Y' f' a' ] m' U' d' i' a' i' h' f'

## Standart Özellikler

8' \_' \_' d' f' c' Z' ' j' j' Y' \_' U' d' U' a' U' ' U' U' b' i' U' n' z' f' l' c' a' d' U' \_' H' e' H' U' g' U' f' i' a' ? U' V' j' b' z' ' Y' b' Y' f' U' h' f' g' Y' h' z' Y' [ n' c' n' g' ] g' h' Y' a' ] j' Y' n' U' \_' ih' X' Y' d' c' gi' z' \_' U' g' ] H' Y' \_' d' U' \_' Y' h' c' \_' U' f' U' \_' g' Y' \_' \_' Y' X' ] Y' W' \_' \_' Y' \_' ] X' Y' z' V' ] f' V' ] b' ] V' ' h' b' Y' n' Y' W' \_' j' Y' \_' c' \_' U' m' a' c' b' H' U' ' ] b' [ Y' ] h' f' ] a' ] h' f' ? ] a' n' U' g' U' ' H' Y' a' ] n' Y' a' Y' ] \_' Y' a' ] b' X' Y' b' [ Y' ; ] f' ] Y' b' z' \_' UV' ] b' ; Y' \_' ] \_' g' U' W' d' U' f' ; U' U' f' i' z' d' c' n' Y' g' H' Y' f' h' c' n' V' c' n' U' m' U' \_' U' d' \_' U' b' i' f' j' Y' z' f' i' b' \_' U' b' i' f' 5' Y' j' \_' ' b' Y' n' j' Y' n' U' i' ha' i' g' \_' b' [ Y' f' ] GYf' j' g' \_' bc' \_' H' U' U' f' i' b' U' \_' c' \_' U' m' Y' f' ] ] a' ? U' V' ] b' ; Y' f' ] g' ] b' X' Y' Y' [ n' c' n' g' ] g' h' Y' a' ] j' Y' i' g' i' n' U' i' ha' i' \_' ] U' F' U' Z' U' [ Y' b' ] \_' U' d' i' U' f' ? ] ] h' ] \_' U' d' i' \_' n' Y' f' j' b' X' Y' \_' Y' Z' U' Z' d' Y' b' W' f' Y' X' Y' b' \_' \_' c' b' l' f' c' \_' d' U' b' c' g' i' b' i' ' ] n' Y' n' Y' V' ] a' Y' ? U' V' ] b' ] b' X' i' ' i' b' U' a' c' b' H' U' ' Y' U' W' \_' g' h' c' d' V' i' h' c' b' i' Gc' i' h' a' U' Z' U' b' i' j' Y' \_' U' f' ^ U' H' Y' f' b' U' h' f' ^ X' c' \_' j' b' a' U' n' U' \_' U' f' i' \_' c' fi' b' a' i' \_' h' i' f' ? ] ] h' Y' b' Y' b' \_' U' d' i' ] Y' n' U' \_' ih' X' c' i' a' i' j' Y' \_' U' \_' n' Y' Y' f' ] ] a' U' g' j' j' Y' \_' UV' ] b' \_' n' Y' f' j' b' X' Y' \_' U' X' i' fa' U' ' bc' \_' H' U' U' f' i' GYg' n' U' i' ha' i' \_' UV' ] b' ] [ fi' d' U' f' i' b' ' g' Y' g' H' Y' g' h' & \$\$\$ # / ( # 9 7 n' Y' i' n' i' b' c' \_' U' f' U' \_' G' n' i' H' Y' g' h' U' F' U' Z' b' X' U' b' X' Y' b' Y' h' Y' b' a' Y' \_' H' X' ] f' "

En	mm.	2270
Boy	mm.	9000
Yükseklik	mm.	2550/3210
MU_ ihHU b' ? UdUg' ] Yg' ]	L	1900