



<b>ISO8528</b>	6i 'YbYfUhf f [ fi Vi 'GC , ) & , 'm bYha Y' ] UfhUfibi' _Uf i'UntUW' _gYj ]nYXY' hUgUfUba i' hf"
<b>SZUTEST</b>	6i 'YbYfUhf f [ fi Vi 'GC - \$\$\$gYfhZ_U' nY' _Yf]bY [ " fY' hUgUfUba i' j Y' fYh'a ] hf"
<b>CE</b>	6i 'YbYfUhf f [ fi Vi '79'gYfhZ_U' UfhUfibi' m' i bXi f

**2000/14/EC** GYg'mUihh ' \_UV]b' [ fi d'Ufz&\$\$\$#( #97 '5j fi dU' [ ' f' h' 'm bYha Y' ] bY [ " fY' hYghYX ] f"

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

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kw	kVA	kw	Amp
400/230	1100,00	880,00	1030,00	824,00	1488,00

Standby Güç (ESP): ; 'jYb]f' YVY'\_Y'UnbU' ibib'\_Yg]a Yg]Xi fi a i bXUZXY ] \_YbYY\_hf]m'\_Y [ ' , fYa ]b'Yha YXY'\_i' "Ubri"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'Yha YXYzm'\_ \_gibifgin' , U' a U' gUUh] ]b' ] "Ubri"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' ] "Ubri"

**GH5B85FHx N9@@?@9F**

Gi' gc' i' ha U' iX]nY' a ctefF Uxnhf f] Y' a Y' \_Ub' \_Zub' 8' bYb' j Y' giVW' \_dUf , U'UFU'Xc' \_i ba Umi' b'YnYb' \_cfi mi W' \_UZ'g'9Y' \_hf] ]a Uf' 'a ctef' j Y' Uf' ^U'YfbUhf f' 5' \_f] f i b' Ug]h]z' \_UV'c' Ufi' j Y' gY' dUgi' A' ctefV'c' \_gi mi 'igihVgri' u' Y' \_Ug' j Y' h' fY' ja " b'YnY'W' \_cn' Uf' ; fi d'Ub' Unfi' nU' \_ihU' \_i' f5 , i' \_gYh [ fi dE'9gbY' \_mU' \_ih VU' \_Ubh' \c' f' i a' U' fi HY' \_mU' \_iz] Y' < nU' iha' 'gibiZi' U' Y' fbUhf f' 9bX' \_grf] nY' \_UdUg] h' XY' gi' ghi fi W' j Y' Y' gbY' , Y' ] \_ca dY' bgUhf f' 9Y' \_f' cb' \_U' \_U' Uf' ^V' \_Uni ? i' \_Uba U' j Y' a' cb' U' ^' \_U' j i ni ; fi d'Uf' ib' ZY' \_Ubg] Y' j c' hU' ^fY [ ' \_Ugn' cbi 'GC , ) & ! ) Yi ni a i ; B: D5%\$ U' [ c' fY' i' %\$ \$ m' \_' \_U' Xifa U' \_UXi f"

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

**MOTOR**  
! 'i nU' \_fUXnhf f' 'gc' i' ha U  
! 'MU' \_ihgi' \_Umfi' WZ] h' fY  
! 'MU' \_igihVgi'

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

**YARDIMCI DONATILAR**  
! 'C'ha U' h' j Y' nU' a' Ubi Y' nU' \_ihXci a' 'g] h' Ya ]  
! 'MU' \_Vc' U' ha U' zY' \_dca dUgi  
! '8' \_' \_j Y' m' \_gY' \_nU' \_ihgYj ] nYg] U' Ufa i  
- Egzoz susturucusu, meskün mahal tip  
! 'A i' \UZ' nU' \_UV] b' / gYg' nU' iha' ' ihjd' j Y' nU' U , i' \_U' Ub' h' jd  
! < Uj U' \_UbU' i' UXUdh' f' 'ffUXnhf f' " b' t  
! 'A' ctef' i' d'Ub' t' f' fU' U' [ ] j Y' , i' \_j XY' fYg] t  
! 'GYg' nU' iha' ' \_UbU' fU' U' [ ] j Y' , i' \_j XY' fYg] t  
! '5' Y' hU' \_ia' i' fVU' \_ia' ] , ] b' t  
! '9' \$\$\$ \$\$\$ , U' i' a' U' gUUh] ] b' VU' \_ia' 'gYh  
! '5b' hZ] n' j Y' a' ctef' mU' \_Ua' U' nU' i' f' '\$ \$7 ; Yj fY' giVW' \_i' i' ] b' t  
! '5b' U' MU' \_ihHUb' \_i'

**KONTROL PANOSU**  
- Otomatik senkronizasyon ve güç kontrol sistemi (çoklu paralel jeneratör)  
! ' YVY'\_Y' ] Y' g' fY' \_] dUfU' Y' \_] g] h' Ya  
! ' YVY'\_Y' ] Y' [ Y , ] ' gYb' \_fcbi' 'g] h' Ya ]  
! 'i nU' U' U' Ufa' d'UbY'  
! '5' Ufa' ; \_] \_' f' Y' Yf]  
! 'i nU' \_hUb' ] Yh' ]a' za' cXYa' ] Y  
! 'Hcd' fU' \_U , U' iz' fY' \_YbYfUhf f'  
! ' Uf' ^Ua' d'Yfa Y' fYg]

**TRANSFER PANOSU**  
- Üç veya dört kutuplu transfer sistemi  
! 'y , j Y' nU' X' \_fh' \_i' h' d' i' 'a' ctef' i' ; \_] \_' U' Yf]

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

Üretici		Mitsubishi
Model		S12H-PTA
G]j]bX]f]j Y' HUgUfia		12 Silindirli, V - Tip
Hava Emme		Hi fVc' UF'Y]j Y'Gcb Gc i h W'i
Maksimum Standby Güç		1500 d/dk
		1020,00 kw [1367,00HP]
Toplam Silindir Hacmi	L	37,110
Çap ve Strok	mm	150X175
G]i] hifa U'C fUbi		14:1
Norminal Devir	d/dk	1500
Governör Tipi		Elektronik
MU' ? UdUg]Yg]	L	200,00
Su Kapasitesi	L	244,00
Emilen Hava Debisi	m <sup>3</sup> /dk.	83,00
Radyatör Hava Debisi	m <sup>3</sup> /dk.	1800,00
Elektrik Sistemi		24 V d.c.
MU_ihH' _Y]fa ]	Yük	%100
	L/sa	226,00

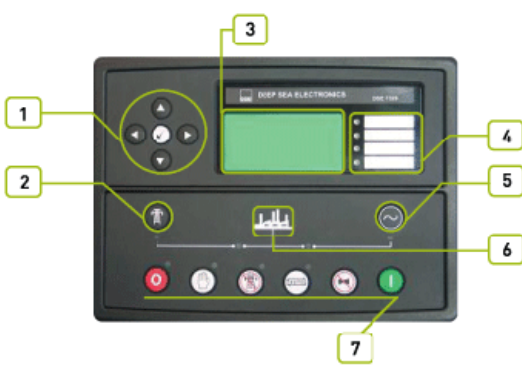
## 5@H9F B5Hx F ' x N9@@? @9F

Modeli		ECO43-1LN/4
Frekans	Hz	50
Güç	kVA	1100,00
HUgUfia		: if, Uginž( 'i h d'i
Cos fi		0,80
: Un'GUmigi		3
Voltaj	V	400/230
MU'ihh' GibiZ		H
_Un'G]g]Y'a ]		Elektronik ( AVR )

## 6CM H]j Y'5 ₺ @?

5, i] ; fi d	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
APD 1100 M	8940,00	4400,00	2100,00	2200,00	1000,00
Kabinli Grup	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]Yg]
	kg.	mm.	mm.	mm.	L
AK 96	12590	7500	2300	2517	1500

## 1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj ][ Ugncb 'Vi tcb'Ufi
- 2 YVY\_Yj Y'fUbgZf'Vi tcbi
- 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 uÜi a U' \_Y\_]gY, a Y Vi tcb'Ufi

## 2 Cihazlar

8G9ž a cXY''+ ' &\$'C tca UH\_ ' YVY\_Y'5finU'jnYa Yj Y'YbYfUht f'\_cbfrc''a cX''  
9'Y'\_frcb]\_U\_' ' Uf'V\Unü  
5VY'Xi fXi fa U'Vi tcbi 'j Y'\_cbfrc''XYj fY'Yf ] , ]b'g][ cftU'Uf

## 3 Müdi'j Y'6crtU

7 ]\Un'Uf , Y ]\_gUWUba ]a U'YX]a ] ' dUbc'\_UV]b]bY'a cbHU'ntüdi'if''Dübc'gUWZc'gZU'h\_ ]a ntUgÜ'i']Y'\_Ud'UbUfU'\_gUW  
m'nYmj'\_cfcncbU'X]fYb , ]\U'Y' [ Y'f ]f''Dc'mYgYfV]Y ]\_t'cn'VcmU'j Y'Zf'ib'Ua U' ]'Ya ]]Y'dUbc'\_UV]b]bY'gcb'XYfYVW  
XUnübi\_'i'VcrtU'ntüdi'if''? ]h]j Y'a YbY Y' ]dUbc'\_UdU 'i']Y'V\Un'UfU'i 'U a U'\_c'UmXif''

## 4 Montaj

? cbfrc''dUbcgi ž'YbYfUht 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''  
Dübcž'YbYfUht f [ fi Vi bi b'ntü'b'UfUZbUZ [ " n\ ]nUgi'gYj ]nYg]bY'nYfY 'f ]f''

## 5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$

&&\$'\_ ] 5 j Y''nYf] 'YbYfUht f [ fi d'Ufia 'nXU'8G9+' &\$'\_cbfrc''g]gY'a ]gU'UbXUf'Xif''9'Y'\_frcb]\_j Y'Y'\_frcb]\_c'a Unüb  
[ Unj'Y'X]nY'a ctef'i 'YbYfUht f [ fi d'Ufi'ib'ic'ca UH\_'c'UfU\_' , U'i' h'ifa Ugi'j Y'Xi fXi fi 'a Ugi' ] , ]b'fUgUf'Uba 'i' h'if''  
5nfiW'U'a cX'' ' YVY\_Y'j c'fU'fbi'j Y'ZfY'\_Ubgibi' ]n'Yf]j Y'nYXY'\_YbYfUht f [ fi Vi ]Y'cbU'VU 'i' [ , 'fUbgZf'g]gY'a ]b  
\_cbfrc''YXYf''

Standart Özellikler

A ]\_fc' ] 'Ya W]Y'\_cbfrc''ntüdi'a 'i' Xif  
% &I '\* ( 'd ]\_gY'ž@78 [ " gYf [ Y ]Y'V ] [ ]Yf'\_c'Um'i'\_U'c'\_i' bi f  
A cX'''' b'dUbY' ]bXYb'j YntU'D7 j Y'ntü'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&' &ž'F G( , ) j Ugi'fUgimU'i nU'\_hUb' ]Yh ]a 'j Y'GA G ]Y'fUdcf'U'a U  
HUf ] j Y'gUUh ]Y'\_UmihXYZf'f]bXY'UfinU'c'Um'i'f ] \$E [ " gY'fa Y  
uc'\_i' 'fUf ] ]Y'gUUh ]Y'a ctef'Y [ nYfg]n'Xi fi a i 'j Y'VU\_'ia 'dfc[ fUa i  
? cbfrc''h' 'Ufi. 'Ghcdž'A Ubi Y'ž'c'ca UH\_ž'HYghž'GHUfž'GYgg]n'#@Ua VU'fYghž  
>YbYfUht fY'fUbgZf'ž' YVY\_Y'nY'fUbgZf'ž'A Yb~ 'bUj ][ Ugncb  
A ctef'V'c'\_gi m'i'gihW'\_cbfrc''

# APD 1100 M

Motor : Mitsubishi  
Kontrol Sistemi : P 732



## 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 ^  
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 @ \_ @ B \_  
5 \_ j a \_ f @ \_ @ B \_  
: f Y \_ U b g  
H c d f U \_ \_ U , U i  
\_ K  
7 c g ]  
\_ J 5 f  
\_ K \ \_ j \_ J 5 \ \_ j \_ J 5 f  
: U n \_ g i f U g i  
9 6 9 ? ? 9  
J c ' U > f @ \_ @ B \_  
: f Y \_ U b g

## Koruma Devreleri

? 5 N  
U f ^ U f i n U g i  
8 ^ \_ \_ U \_ j c ' U ^  
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 \_  
\_ 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 ^  
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 ^  
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 & ) ( , \_  
; Y b ] ' a f ^ ' Y ' a c X ^ \_ \_ f & % ) + \_  
; Y b ] ' Y a [ ] f ] ' a c X ^ \_ \_ f & % \$ \_

## 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 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 ^ : % , ! & \* ( J "  
u i \_ U \_ j a i . & + z ' j Y n U % z J ) 5 "

