



### ISO8528

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

### SZUTEST

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



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

### 2000/14/EC

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

uL\_j ; 'WZ' !: Uniz) \$<nZ; : '\$Z

Voltaj	Standby Güç (ESP)		Prime Güç (PRP)		
	kVA	kw	kVA	kw	Amp
400/230	880,00	704,00	800,00	640,00	1156,00

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

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

5 if' \na Yhi]d]zgi 'gc i ha U'iX]nY'a chcf  
F UXntUf f j Y a Y\_Ub'\_ZUb  
: Ub' j Y' giVU'\_dUf, U'UfU'Xc'\_j ba Um' b'YnYb'\_cfi mi W'\_UZ'g  
9'Y'\_hf] ]a Uf 'a chcfi j Y' Uf'U'fYfbUf f'  
6U 'UhwU'\_z'f] f i b Ug]h'\_UV'c'Ufij Y' gY\ dUgi  
A chcf W'\_Yhgi mi 'igihW'gi  
uY'\_L' UgY j Y' h'fY 'a " b'Yn]Y'fU'\_cn'Uf  
UgY' U' h' nU'\_ihU'\_b'\_j  
9gbY'\_nU'\_ihVU 'Ubh' \cfi a 'Ufi  
HY'\_nU'\_iz] Y < nU'ihA '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\Uni  
?i 'Uba Uj Y'a cblU'\_jUj i ni

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

#### MOTOR

! 'l nU'\_fUXntUf f' 'gc i ha U  
! 'MU'\_ihgi 'UmifWZ]fYf  
! 'MU'\_igihW'gi

! 'gihW'zfi hi VYh' b'Yn]Y'  
! 'u'\_L' ' 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' U'U'Ufa 'dUbY'  
! '5'Ufa ; ]\_j 'f' Y'Yf]  
! 'l nU'\_hUb ]Yh' ]a za cXYa ]Y  
! 'HcdfU'\_U, U iziY'\_YbYfUf f'  
! ' Uf'Ua dYfa YfYg]

#### YARDIMCI DONATILAR

! 'C'ha UH'\_j YntU'a Ubi Y' nU'\_ihXci a 'g]g]fYa ]  
! 'MU' 'Vc' U'ha UZ'Y'dca dUgi  
! '8' ' ' ]Y' m'\_gY'\_nU'\_ihgYj ]nYg]U'Ufa i  
- Egzoz susturucusu, meskün mahal tip  
! 'A i \UZ]nU'\_UV]b]gY'g' nU'ihA 'ih]d j YntU, i'\_U'Ub' h]d  
! '< Uj U'\_UbU'i UXUdht f' 'ffUXntUf f' " b' 't  
! 'A chcfi 'dUb' f' f'Uj U [ ]f] j Y, ]\_j 'XYj fYg]k  
! 'GYg' nU'ihA 'i'\_UbU' f'Uj U [ ]f] j Y, ]\_j 'XYj fYg]k  
! '5'YhU'\_ia i' fVU'\_ia ]\_j ]\_b't  
! '% \$\$\$ \$\$\$, U' a U'gUUh] ]\_b'VU'\_ia 'gYh'  
! '5b]Z]h j Y'a chcf nU' 'Ua U'ntU' i' f' '\$S7', Yj fY' giVU'\_i ]\_j ]\_b't  
! '5bU' MU'\_ihHUb'\_j

#### TRANSFER PANOSU

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

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

Üretici		Mitsubishi
Model		S12A2-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
		746,00 kw [1000,00HP]
Toplam Silindir Hacmi	L	33,930
Çap ve Strok	mm	150X160
G]i]i hifa U'C fUbi		14,5:1
Norminal Devir	d/dk	1500
Governör Tipi		Elektronik
MU' ? UdUg]fYg]	L	120,00
Su Kapasitesi	L	220,00
Emilen Hava Debisi	m <sup>3</sup> /dk.	64,00
Radyatör Hava Debisi	m <sup>3</sup> /dk.	1140,00
Elektrik Sistemi		24 V d.c.
MU_ihH' _Y]fa ]	Yük	%100
	L/sa	171,00

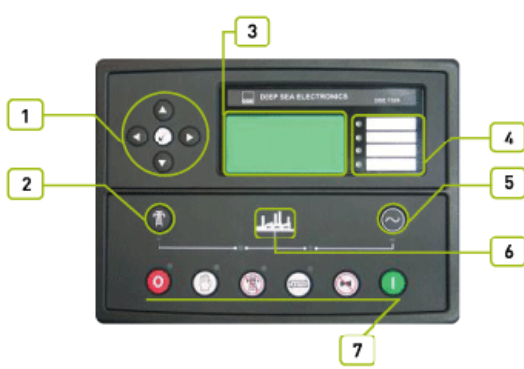
## 5@H9F B5Hx F ' x N9@@? @9F

Modeli		ECO43-1SN/4
Frekans	Hz	50
Güç	kVA	800,00
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]fYa ]		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
APD 880 M	6965,00	4370,00	1972,00	2222,00	850,00
Kabinli Grup	?i fi '5 ifi_	Boy	En	Yükseklik	MU_ih8Ydc ? UdUg]fYg]
	kg.	mm.	mm.	mm.	L
AK 90	10115	6500	2200	2353	850

## 1 P 732 - Kontrol Sistemi



- 1 A Yb~ 'bUj ][ Ugnrcb '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']nYa Yj Y'YbYfUht f'\_cbhfc''a cX''  
9'Y'\_fcb]\_U\_'' Uf'V\Unı  
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 ]\_gUWUba ]a U'YX]a ] ' dUbc'\_UV]b]bY'a cbHU'ntüdi'if''Dübc'gUWZc'gZU'h\_ ]a ntUgU'i']Y'\_Ud'UbUfU'\_gUW  
m'nYmj'\_cfcncbU'X]fYb , ]\U'Y' [ Y'hj]f''Dc'mYghYfV]Y ]\_hcn'VcnU'j Y'Zf'ib'Ua U' ]'Ya ]]Y'dUbc'\_UV]b]bY'gcb'XYfYVW  
XUnubi'\_i'VcnU'ntüdi'if''? ]h]j Y'a YbY' Y']dUbc'\_UdU 'i']Y'V\Un'UfU'i 'U a U'\_c'UmXif''

## 4 Montaj

? cbhfc''dUbcgi ž'YbYfUht f [ fi Vi ' Ugl]'' nYf]bXY\_]gU 'Ua ; Y ]\_UnU'\_Uf]j YntU' [ , ; ]\_i' ]'Yfa ]bU'a cX'''' nYf]bY  
a cbHU'ntüdi'if''  
DUbcž'YbYfUht f [ fi Vi bi b'ntub'fUfUZbUZ [ " n\ ]nUgi'gYj ]nYg]bY nYfY ]f]f''

## 5 Jeneratör Kontrol Ünitesi

8G9'+ ' &\$

&&\$'\_ ] 5 j Y'' nYf] YbYfUht f [ fi d'Ufia 'nXU'8G9+' &\$'\_cbhfc''g]gY'a ]ghUbXUfXif''9'Y'\_fcb]\_j Y'Y'\_fcb]\_c'a Untub  
[ Un] Y'X]nY'a ctef' YbYfUht f [ fi d'Uf'ib'ic'hca UH\_ 'c'UfU\_ , U'i h'ifa 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']nYf]j Y'nYXY'\_YbYfUht f [ fi Vi ]Y'cbU'VU 'i' [ , 'fUbgZf'g]gY'a ]b  
\_cbhfc''YXYf''

Standart Özellikler

A ]\_fc' ]'Ya W]Y'\_cbhfc''ntüdi'a 'i' Xif  
% &I '\* ( 'd ]\_gY'ž@78 [ " gYf[ Y ]Y'V] [ ]Yf'\_c'Um'i'\_U'c\_ ] bi f  
A cX'''' b'dUbY]bXYb j YntU'D7 j Y'ntüdi'ia 'i'j Ugi'fUgimU'dfc[ fUa 'Ua U  
M a i U\_ 'h' 'i' 'a Ya VfUbc'\_Uj mY'j Y'VY 'h' 'i' 'a Yb~ 'bUj ][ Ugnrcb  
9h.YfbYhj Y'F G&' &ž'F G( , ) j Ugi'fUgimU'i nU'\_hUb']Yh ]a j Y'GA G ]Y'fUdcf'Ua U  
HUf] j Y'gUUh]Y'\_UmihXYZf]bXY'UfinU'c'Um'i'f] \$E[ " gY'fa Y  
uc\_ ] 'fUf] ] Y'gUUh]Y'a ctef'Y [ nYfg]n'Xi fi a i ] Y'VU\_ ]a 'dfc[ fUa i  
? cbhfc''h' 'Ufi. 'Ghcdž'A Ubi Y'ž'c'hca UH\_ ž'HYghž'GHUfž'GYgg]n'#@Ua VU'fYghž  
>YbYfUht fY'fUbgZf'ž' YVY\_Y'mY'fUbgZf'ž'A Yb~ 'bUj ][ Ugnrcb  
A ctef'V'c\_ ]gi m'i'gihW'\_cbhfc''

# APD 880 M

Motor : Mitsubishi  
Kontrol Sistemi : P 732



## Ölçme Göstergeleri

A C H C F  
A c h c f X Y j ] f ]  
M J \ 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 @ / @ z @ B t  
: f Y \_ U b g  
H c d f U \_ \_ U , U i  
\_ K  
7 c g Z  
\_ 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 ^ V \ U n i ' g k ] h \ ] 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 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 i ^ : % , ! & \* ( J "  
u i \_ i ' U \_ j a i . ' & + z ' j Y n U % z j ) 5 "

