

PRODUCT: TSM-DE09R.08

. » % 6 - 0 . 0 / 0 ' " \$ * " . - 0 / 0 \$ 3 * 4 5 " - * / 0

3 " / (0 % & 1 0 5 & 4 1 5 4 3 5 W

435W

1 0 5 & / \$ * " . « 9 * . "

0~+5W

5 0 - & 3 " / \$ * " 1 0 4 * 5 * 7 " & ' * \$ * & / \$ * " . « 9 * . "

21.8 %

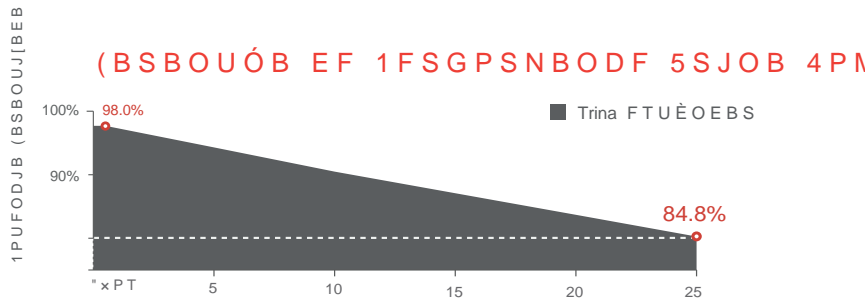
1FRVFxP FO UBNBxP (SBOEF FO QPUFODJ

- 'BDUPS EF GPSNB BKVTUBEP (FOFSB HSBO DBOUJ
-)BT 435W, 21.8% EF FGJDFODJB EJTPQOJCMF FO VO N
- EF JOUFSDPOFYJØO EF BMUB EFOTJEBE
- 5FDOPMPHÓB NVMUJ CVTCBS QBSB NFKPS FGFDUP
- DJB FO TFSJF Z NFKPS SFOEJNFOUP EFM NØEVMP
- 3FEV[DB FM DPTUP EF JOTUBMBDJØO DPO NBZPS D
- "VNFOUF FM SFOEJNFOUP FO DMJNBT DÈMJEPT DF
- NÈT CBKP

- \$PNQBUJCMF DPO PQUJNJ[BEPSFT JOWFSTPSFT Z
- OBMFT
- 5BNBxP QFSGFDUP Z CBKP QFTP QBSB TV NBOJQVM
- USBOTQPSUF
- %JWFSTBT TPMVDJPOFT EF JOTUBMBDJØO 'MFYJC

"MUB \$POGJBCJMJEBE

- 15 BxPT EF HBSBOUÓB EFM QSPEVDUP
- BxPT EF HBSBOUÓB EF SFOEJNFOUP DPO CBKB
- .JDSPGJT VSBT NJOJNJ[BEPT DPO JOOPWBEP SB UFD
- 3FTJTUFODJB 1*% BTFHVSBE B QPS VO FTUSJDUP D
- 3FOEJNFOUP NFDÈOJDP IBTUB 1B QBSB DBSHE
- DBSHBT OFHBUJWB



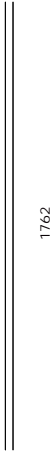
\$FSUJGJDBDJPOFT Z & TUÈOEBSFT *OUFSOBDJPOBMFT



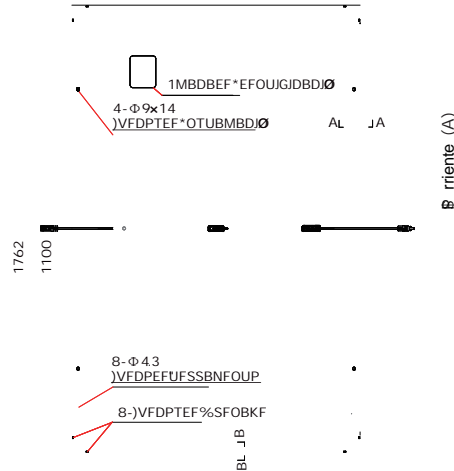
IEC 61215/IEC 61730/IEC 61701/IEC 62716/UL 61730
 ISO 9001: Quality Management System
 ISO 14001: Environmental Management System
 ISO 14064: Greenhouse Gases Emissions Veri cation
 ISO 45001: Occupational Health and Safety Management System



30

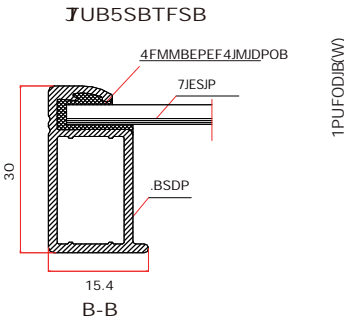
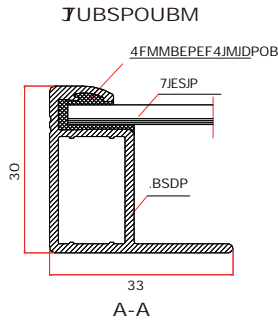


1762



374*7%&96-0

(425 W)



Volta€(V)

717%&-960

(425W)

Volta€(V)

50453*0445\$

1PUFODJB.YINB8BUUT -P_{MAX} (Wp)*

5PMFSBODJBEF1PUFODJB_{MAX} (W)

7PMUBKF -V_{MPP} (V)

8SSJFOUF.YINB -I_{MPP} (A)

5FOTJDEFSDVIJPCJFSUP -V_{OC} (V)

8SSJFOUFEFBSUPSDVIJUP -I_{SC} (A)

6JDFODJBEFM.0VMP n_m (%)

45SSBEIBD08N 2 5FNQFSBUVSB EF \$FMEB i\$.BTB EF *JSF*. 5PMFSBODJB EF .FEJDJ0F *76SIGIDBSFMDPOFDUPSDFPMFWFOEFEPSPMDBM

50453*04 (NOCT)

1PUFODJB.YINB -P_{MAX} (Wp)

7PMUBKF.YINB-V_{MPP} (V)

8SSJFOUF.YINB -I_{MPP} (A)

5FOTJDEFSDVIJPCJFSUP -V_{OC} (V)

8SSJFOUFEFBSUPSDVIJUP -I_{SC} (A)

/0 55*SSBEIBD08UNSFNOFSBUVSBNCJFOUF7FMPDIEBEEFM7JFOUPNT

504.704

5VMBT4PMBSFT	.POPDSJTUBMIOBT
No. EF5VMBT	144 cFMEBT
%INFOTJPOFTEFM.0VMP	1762x1134x30 mm (69.37x44.65x1.18 QVMHBEPT
1FTP	21.8 kg (48.1 lb)
SJTUBM	3.2 mm (0.13 QVMHBEPTUBSBOTNIT00UJ3FGMFKPSITUBM5FSNPFOEVSFDJEP
.BUFSJBM0DBOTVMBOUF	EVA/POE
8DLIFFU	#BODP
.BSDP	30 mm(1.18QVMHBEPTMFBDJ0EFBMVNJOJPBOPEJBEF/FHSP
Cables	
ConFDUPSFT	MC4 EVO2 / TS4*

8854%888563"

NOCT (5FNQF0F0FSBD0/PNIOBMEFMBDFMEB 43°C (-2°C)	5FNQFSBUVSB EFOF0FSBDJ0 -40~+85°C
8FGJDFOUFEF5FNQFSBUVSB _{MAX} -0.34%/°C	5FOTJ0.YINBEFM4JTUFNB 1500V DC (IEC)
8FGJDFOUFEF5FNQFSBUVSB _{Voc} -0.25%/°C	1500V DC (UL)
8FGJDFOUFEF5FNQFSBUVSB _{Sc} 0.04%/°C	80BDJEBE.YINBEFMVTJCMF 20A

-*. *501850/°C

(3751

15 xPTEF (BSBOU0EFJOUFHJSIEBEEFMOSPEVDUP	0VMPTOPSDBKB36 VOJEBEFT
25 xPTEF (BSBOU0EFHFSF0FSBDJ0EFF0FSH0	0VMPTOPS0OUFOFEPS 936 VOJEBEFT
2% %FHSBEBDJ0EFMQSINFSBxP	
0.55% %FHSBEBDJ0BOVBMEFMBFOFSH0	

0/* (6350/8%8+ &

80TVMUFMBHBSBOU0EFOSPEVDUPOBSBNTJOGPSNBDJPOFT