

SP120!"#\$%&'()'+\$+,-&.(
!#&/0&.(1'%2#3

120 !"## \$%&')' *+, %- .&/ \$ 0\$1%&/2!"' 0(
!*%\$3%455 (3#0!' *6 , '% %370\$#'&&0) (\$306
5%##4&(3#70) (\$306 17(%87"2%!"#(&(+ 0, ((#, '%9%) 0\$&(' '* (17(0, .: (\$#!" 1%\$7"! (' 0; \$%8*)' * , 0 , %- .&<, 0 .
= 17%02!%- \$#! (0\$1%&/2. (#\$< . ' 03"&/' "< # (6' %&&90<.
=*%\$30+ >?@ , %- .&< -% 21% 0 4\$#(#0) (\$30+
!0- -%\$#09' .# 8&"9%- "7< 4&(, (' #, , 0, (; : 0,
3% ' #' 3# ' .; 4, , 0#(7' %-3%&&(3#7' .; \$(#3. #%&/3% ' " 2"- (' +
1%!(6' %\$#0 !*%\$3%455 (3#0!' *6 , '% %370\$#'&&0) (\$306
5%##4&(3#70) (\$306
17(%87"2%!"#(&(+ ,)#% ! 1.5 7"2" (55 (3#0!' ((, &(9) (0
3%, 1"3# ' ((%8*)' *6 , %- .&(+.
A%- .&/ 029%#%!'&(' 02 !*%\$3%3") (\$#!(' '*6 3%, 1% (' #%! \$
!*%\$30, 3% #7%&(, 3") (\$#!" ! \$%#%#! (#\$!00 ISO 9001
\$#" - "7#".

4565789: :

?7%2!%-0#(&/ 9"7" #07. (# ! #) (' 00 20 &# %\$#"#%)' .; , "3\$0, "&/' .; , %: '%\$#/' , %- .&< ' (, (' (80% %
1(7!%") "&/' %+ , %: '%\$#0

';<5=89 >69?@7@79:

- ?%7#"#0!' * (0\$#%)' 030 4' (79%\$' "8B(' 0<
- C"7<- ' * (. \$%7%+\$!" -&< 4&(\$%7%, %80&(+
- D!#% ' % , '% (0 7(2(7!' % (4&(3#7%\$' "8B(' 0 (

A<@B869C@=B\$65?@86D

Aa6 , %: '%\$#/' Pmax 120 !"##
E"17<B(' 0(170 , a6 , %: '%\$#0 Vmp 17.6/35.2 =
F%3 170 , a6 , %: '%\$#0 Imp 6.8/3.4A
E"17<B(' 0(6%&#\$%#9% 6%- " Voc 21.5/43=
F%3 3%7%#3%9% 2" , * 3" 0< Isc 8.0/4.0A
A "3\$0, "&/' % (' "17(B(' 0(\$0\$#(, * 70=
A "3\$0, "&/' * + #%3 G(10 18/9A
F(, 1(7"#. 7' * + 3%(550G0(' #: , %: '%\$#0 -0.38%/°
' "17<B(' 0< -60.8m =/°C

#%3" 2.3mA/°C

>?@ 4&(, (' #%! HI ? 20.90%

J#3&%(' 0< , "3\$0, "&/' %+ , %: '%\$#0 +/-5%

1@E579C@=B\$65B8@69=89B9

=(\$ 10.5 39

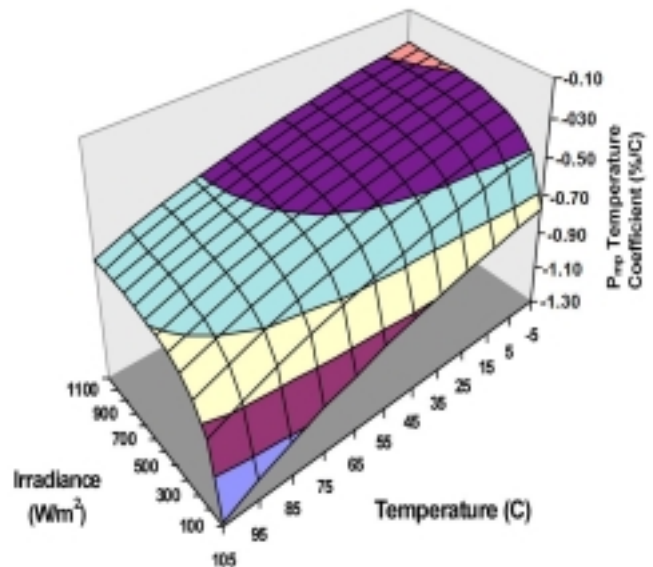
K"2, (7* 5276730, ,

F%&: 0" " 70, ,

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C", (7(' * 170 \$#" - "7# ' * 6 . \$&!0<6 %\$!(: (' 0<

1000!"##/, 2,DA1.5, #, (1(7"#. 7" 25 °C



C"!0\$0, %\$#/ F(, 1(7"#. 7' %9% >4550G0(' #"
A: '%\$#0 %\$%\$!(: (' 0< 0 #, (1(7"#. 7*

