



Product Change Notice #: VE190626

Date: June 26, 2019

RE: NBM2317S60E1560T0R

To Our Valued Customer:

We appreciate your use of NBM2317S60E1560T0R. This is to inform you of a change to the datasheet specifications.

PCN Type:

Change of electrical specifications

Product Affected:

NBM2317S60E1560T0R

Previous Specifications – (Page 6 & 8 of Datasheet):

Attribute	Symbol	Conditions / Notes	Min	Typ	Max	Unit
General Powertrain Specification – Step-Down Operation (High-Voltage Side to Low-Voltage Side)						
No Load Power Dissipation	P _{HI_NL}	V _{HI_DC} = 54V, T _{INTERNAL} =25°C			6.5	W
High-Side Input Inrush Current Peak	I _{HI_INR_PK}	V _{HI_DC} = 54V, C _{LO_EXT} = 1000µF, no load		5		A
		T _{INTERNAL} ≤ 100°C			7.5	A
Efficiency (Hot)	η _{HOT}	V _{HI_DC} = 54V, I _{LO_OUT_DC} = 60A	96.9			%
General Powertrain Specification – Step-Up Operation (Low-Voltage Side to High-Voltage Side)						
No Load Power Dissipation	P _{LO_NL}	V _{LO_DC} = 13.5V, T _{INTERNAL} =25°C			6.5	W

New Specifications – (Page 6 & 8 of Datasheet):

Attribute	Symbol	Conditions / Notes	Min	Typ	Max	Unit
General Powertrain Specification – Step-Down Operation (High-Voltage Side to Low-Voltage Side)						
No Load Power Dissipation	P _{HI_NL}	V _{HI_DC} = 54V, T _{INTERNAL} =25°C			7.0	W
High-Side Input Inrush Current Peak	I _{HI_INR_PK}	V _{HI_DC} = 54V, C _{LO_EXT} = 1000µF, no load		7.5		A
		T _{INTERNAL} ≤ 100°C			12	A
Efficiency (Hot)	η _{HOT}	V _{HI_DC} = 54V, I _{LO_OUT_DC} = 60A	96.7			%
General Powertrain Specification – Step-Up Operation (Low-Voltage Side to High-Voltage Side)						
No Load Power Dissipation	P _{LO_NL}	V _{LO_DC} = 13.5V, T _{INTERNAL} =25°C			7	W

Reason for the change:

To improve factory yields

Effective Date:

The change will be effective on parts beginning with date code 1922

Actions Required:

Customers should make note of the change and contact Applications Engineering with any questions or concerns.

Company contact for technical questions:

Applications Engineering Vicor Corporation

apps@vicorpower.com

<http://www.vicorpower.com/contact-us>