

DC connection terminals:

(September 2001), UL1699B Issue 2 -2013, CSA
TIL M-07 Issue 1 -2013

x DC+ and 6x DC- screw terminals for copper
(solid / stranded / fine stranded) or aluminum
(solid / stranded)

AC connection terminals:

Screw terminals 14 - 6 AWG

UL safety standards & network regulations:

UL 1741-2015, UL 1998, UL 1699B Issue 2-2013

2. Input Data

Number of MPPT:	1
Recommended PV Power (kWp):	12.0 – 19.5 kW
Max. usable input current:	50.0 A
Max. usable input current total (MPPT1 + MPPT2):	50 A
Max. array short circuit current (1.5 * I _{max}):	75.0 A
Nominal input voltage:	325 V
Operating voltage range:	325 - 1000 V
MPP Voltage Range:	325 - 850 V
Max. input voltage (U _{dc max}):	1000 V
Integrated DC string fuse holders:	6- and 6+

3. Output Data

Max. output power 480 V:	NA
Max. output power 240 V:	NA
Max. output power 208 V:	15000 VA
Output configuration:	3~ NPE 208/220 V
Frequency range:	45 - 65 Hz
Nominal operating frequency:	60 Hz
Total harmonic distortion:	< 3,5 %
Power factor range:	0 - 1 ind./cap
Max continuous output current 480 V:	NA
Max. continuous output current 240 V:	NA
Max. continuous output current 208 V:	41.6 A
OCPD/AC breaker size 480 V:	NA
OCPD/AC breaker size 208 V:	60 A
Max. efficiency:	97.3 %
CEC efficiency 480 V:	NA
CEC efficiency 240 V:	NA
CEC efficiency 208 V:	96.5 %

4. Protection Devices

DC reverse polarity protection:	Yes
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