



Test Report



Manufacturer: PV Inverter
Product number: PV02.0100802
Inverter specifications model: MOD 8000TL3-X
S/N: QEHECM302L
F/W Ver: DL1.0
Input: PV DC 365V
Output: Grid 3W/N/PE 230V/400V/50HZ
Ambient temperature: 25 °C

Test item	Test Value	Standard/Actual Value	Pass/Fail
Hi-pot			Pass
PV + /PV - Versus Ground			Pass
DC switch on, Use RS232 to connect inverter to computer, AC switch on.			
Inverter specifications model		MOD 8000TL3-X	
Set S/N		QEHECM302L	
Inverter State	Waiting	Waiting	
Communication Test			Pass
Inverter specifications model		MOD 8000TL3-X	Pass
Read S/N	QEHECM302L		Pass
Wait for 30s to start, delay 40s to ensure inverter connected to grid, read LCD data.			
V _{pv} (V)	362.2/362.0	365/(364.6/364.5)	Pass
I _{pv} (A)	11.4/11.2	11.0/(11.5/11.3)	Pass
P _{pv} (W)	4129.4/4054.8	4000/(4181.7/4110.3)	Pass
V _{ac} (V)	218.7,219.9,219.9	230/(219.6,220.0,219.2)	Pass
F _{ac} (Hz)	50.0	50/50.0	Pass
I _{ac} (A)	12.4,12.5,12.3	12.0/(12.1,12.2,12.1)	Pass
P _{ac} (W)	2704.0,2740.7,2711.2	2700/(2655.7,2691.0,2650.3)	Pass
Starting Time(s)	30	30	Pass
Conversion Efficiency		96.200%	Pass
Power Factor		0.999,1.0,0.998	Pass
THDI		1.4%,1.5%,0.82%	Pass
AC Switch off, delay 5s, AC Switch on.			Pass
AFCI			Pass
Appearance Check			☒ Pass/ ☐ Fail
Accessories Check			☒ Pass/ ☐ Fail
End.			

Result: Pass

Tester: QC003

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