



AMTEC

Brand _____ Test Requested By _____
Model _____ Date of Test _____
Serial No. _____ Location of Test _____

SPECIFICATIONS
(Solar-Powered Irrigation System)

Item	Manufacturer's Specification ^a
1 Reservoir	
1.1 Overall dimensions, mm	
1.1.1 Length	
1.1.2 Width	
1.1.3 Height	
1.1.4 Height from the discharge outlet of the tank to the distribution channel, mm	
1.1.5 Thickness, mm	
2 Total volume discharge for whole day operation, m ³ , minimum	
3 Pumpset	
3.1 Pump	
3.1.1 Brand	
3.1.2 Model	
3.1.3 Serial number	
3.1.4 Type	
3.1.5 Size, mm	
3.1.6 Maximum discharge, m ³ /h	
3.1.7 Maximum total head, m	
3.1.8 Manufacturer	
3.1.9 Country of manufacture	
3.2 Electric motor	
3.2.1 Brand	
3.2.2 Model	
3.2.3 Type	
3.2.4 Rated power, kW	
3.2.5 Rated voltage, V	
3.2.6 Rated current, A	
3.2.7 Rated frequency, Hz	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: _____ Applicant Signature: _____
(If the applicant provided the specifications on-site/during the testing operation)

Item		Manufacturer's Specification^a
4	Controller/Inverter	
4.1	Brand	
4.2	Model	
4.3	Enclosure class	
4.4	Input	
4.4.1	Maximum power, kW	
4.4.2	Maximum input voltage, DCV	
4.4.3	Maximum input current, DCA	
4.5	Output	
4.5.1	Maximum power, kW	
4.5.2	Maximum output voltage, ACV	
4.5.3	Maximum output current, A	
5	Solar module	
5.1	Brand	
5.2	Model	
5.3	Manufacturer	
5.4	Country of manufacture	
5.5	Cell type	
5.6	Cell size, L × W, mm	
5.7	Cell configuration	
5.8	PV module dimension, mm	
5.8.1	Length	
5.8.2	Width	
5.9	Total number of solar modules	
5.9.1	Number of solar modules per string	
5.9.2	Number of strings	
5.10	Nominal power, W_p , W	
5.11	Short circuit current, I_{sc} , A	
5.12	Open circuit voltage, V_{oc} , V	
5.13	Current at maximum power, I_{mpp} , A	
5.14	Voltage at maximum power, V_{mpp} , V	
5.15	Reference standard temperature condition, T_{STC}	
5.16	Orientation	
5.17	Angle of inclination, °	
6	Safety devices	
7	Special features	

Note: NA – Not Applicable, ND – No Data

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Test Engineer Signature: _____

Applicant Signature: _____

(If the applicant provided the specifications on-site/during the testing operation)