

**1 Name and Address of Customer** : M/s. Ismart Power Solutions.,  
#3, 7th Cross, Asheerwad Colony, Horamavu,  
Bangalore - 560 043.

**2 Customer Reference**

2.1 SRF No : 5691  
2.2 Certification No. : SS/22/5691-01  
2.3 Date of Calibration : 02 May 2022  
2.4 Next Calibration Due : 01 May 2023

Dated : 02 May 2022  
ULR:CC229122000005462F

**3 Details Of Device Under Calibration(DUC).**

3.1 Nomenclature : Digital Clampmeter  
3.2 Make : MECO  
3.3 SI.No : 20030191  
3.4 No.of Pages : 3  
3.5 Calibration Procedure No. : SOP-ETH-10  
3.6 DUC Condition : Satisfactory  
3.7 Calibration done at : ET Lab, Sarvashree

Model : 3690  
ID. No. : ---

**4 Environmental Condition**

Temperature  $25 \pm 4$  °C

Humidity 30 to 75 %Rh

**5 Standards Used for calibration**

SI. No.	Nomenclature	Make & Model	SI. No	Traceable Cert. No.	Validity
1	Multi-Product Calibrator	Fluke 5502A	2828801	21/500-01	2-Jul-22
2	50 Turns Current Coil	Fluke 5500A	20081977	22/293-01	23-Mar-23

**6 Note:**

- 6.1. Measurement uncertainty reported is at approx 95% confidence level with coverage factor K=2  
6.2. Kindly refers to Note(s) section mentioned over leaf.

Calibrated By



Raksha  
(Calibration Engineer)



Authorised By



Sanath K S  
(Lab In-Charge)

CAL CERT. NO.

SS/22/5691-01

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Results:

* Parameter	Range	Standard Reading	DUC Reading	Error Claimed ±	Observed Deviation	Measurement Uncertainty ±
DC Voltage	400 mV	40.0 mV	40.6 mV	1.0 mV	0.6 mV	0.04000 mV
		200.0	201.7	1.8	1.7	0.01520
		360.0	362.5	2.6	2.5	0.02736
	4 V	0.4 V	0.399 V	0.010 V	-0.001 V	0.00003 V
		2.0	1.995	0.018	-0.005	0.00015
		3.6	3.591	0.026	-0.009	0.00027
	40 V	4 V	3.99 V	0.10 V	-0.01 V	0.00030 V
		20	19.93	0.18	-0.07	0.00152
		36	35.89	0.26	-0.11	0.00274
	400 V	40 V	39.9 V	1.0 V	-0.1 V	0.00304 V
		200	199.9	1.8	-0.1	0.01340
		360	360.0	2.6	0.0	0.02412
	600 V	60 V	59 V	2 V	-1 V	0.00402 V
		300	299	4	-1	0.02010
		540	539	6	-1	0.03618
	AC Voltage	4 V	0.4 V	0.399 V	0.009 V	-0.001 V
2.0			2.004	0.028	0.004	0.00074
3.6			3.606	0.047	0.006	0.00133
40 V		4 V	3.98 V	0.09 V	-0.02 V	0.00216 V
		20	20.07	0.28	0.07	0.01080
		36	36.15	0.47	0.15	0.01944
400 V		40 V	40.0 V	0.9 V	0.0 V	0.02160 V
		200	201.1	2.8	1.1	0.10800
		360	362.3	4.7	2.3	0.19440
600 V		60 V	59 V	7 V	-1 V	0.03240 V
		300	303	17	3	0.16200
		540	547	27	7	0.32400

Calibrated By :



Authorised By :


