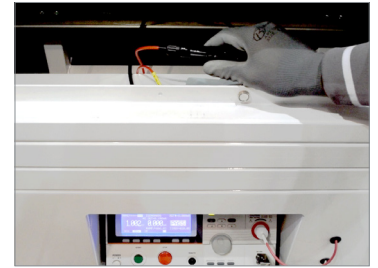


DATASHEET

ECO HI-POT - ISOLATION MEASUREMENT



CHARACTERISTICS

- SUITABLE FOR FRAMED AND FRAMELESS MODULES
- CONDUCTIVE SPONGE GUARANTEES THE BEST ISOLATION
- IN COMPLIANCE TO IEC 61215/61730
- INSULATION RESISTANCE MEASUREMENT: MAX 1500V - 1MΩ ~ 9500MΩ
- MAX DC WITH STANDING: 6000 V
- MAX AC WITH STANDING: 5000 V
- WORKING AREA: 1400mm X 2200mm

WORKS WITH
**FRAMED &
FRAMELESS**
PV MODULES

**POST
LAMINATION**

OPTIONALS

AUTOMATIC CONTACTING SYSTEM

AUTOMATIC LOADING/UNLOADING

BIGGER OR SMALLER AREA

GROUND BOUNDING

SQL DATABASE FOR
DATA STORAGE

CAN ADD A MONITOR SCREEN





TECHNICAL SPECIFICATIONS

WORKING AREA	2200 x 1400 mm
MAX CAPACITY	300MW line
OPERATORS	1 operator
REGULATION FUNCTION INTEGRATED	Yes
AUTOMATIC WIRE CONNECTION	Available
CONTROLS	Touch screen
REMOTE ASSISTANCE	Internet connection
CONTACTING	Automatic contacting of the STD modules is included for 60-72 cells. Manual contacting included for half cut cells
CONTACT PIN LIFETIME (If provided)	1.000.000 Cycles (About 5-6 months of production)

HI-VOLTAGE / HI-POT

TEST TYPE	DCW
MAX VOLTAGE	3000V (for [max system voltage] = 1000V) - formula by IEC 61730: 1000+2* [max system voltage]
RAMP TIME	6s - max 500V/s as per IEC norms MAX 500V/s as per IEC norms
DURATION	60s
LEAKAGE CURRENT	<0.10 mA
MAX VOLTAGE	6000 V (for "Max System Voltage"=1500V) (Optional= 11000 V)

INSULATION RESISTANCE

TEST TYPE	IR
MAX VOLTAGE	1000 V - Voltage can be 500V or max system voltage
RAMP TIME	2s - max 500V/s as per IEC 61730 - duration: 60s

UTILITY SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
LINE	1P+N+E
VOLTAGE	230 V
FREQUENCY	50/60 Hz
PEAK POWER	0.6 kW
POWER CONSUMPTION	0.2 kW
MAX CURRENT	2.5 A
PRE FUSE	3.2 A
AIR CHARACTERISTICS	
AIR PRESSURE	6 bar
AIR CONSUMPTION	<1 NL/1'
AIR PEAK FLOW	<1 NL/1'
AIR CONNECTION	1/4"
DIMENSIONS	
HEIGHT	1315 mm
LENGHT	2655 mm
WIDTH	1800 mm
CE WEIGHT	800 kg

* Available also with different voltages, according to criteria of the place of installation. To be defined at order if with implementation of transformers or with modification of the electrical board of the machine.