Technical Data of the DaySy Pro 1000

System
Defect Detection: PID potential induced degradation, polarization (1200 Modules)
(Typ. Throughput: inactive cell area (400 – 800 Modules)
Modules per day in a PV Park: disjunct fingers/interconnections (200 – 400 Modules)
(micro-)cracks, hail damage (100 - 200 Modules)
ohmic losses
poor low light response
PV Technology: mono- and multicrystalline silicon, thin film aSi, CIS
Certification: CE

DaySy Cam
Resolution: 320 x 256 pixel
Field of View: variable, exchangeable optics
Data Formats: bmp, txt
False Color Map: yellow
Typ. Exposure: EL: 10 s; PL: 30 s
Supplied optics: standard f=25mm; wide angle f=6mm; tele f=75mm
Image Stabilization: yes
Handling: tripod, riser
Ingress Protection: IP 54
Dimensions: without lens: width 60 mm; height 60 mm; depth 100 mm
Weight: 500 g

DaySy Box
PV Protection: software adjustable overcurrent protection 0 - 15 A
software adjustable overvoltage protection 0 - 1000 V
cut-out fuse 15 A:
overvoltage suppression at 1000 V
PV Current/Voltage: max. 15 A, max 1000 V DC
AC Mains: 100 – 240 V AC continuous, 47~63 Hz, single phase
Ingress Protection: IP 54
Dimensions: width 600 mm; height 150 mm; depth 900 mm
Weight: 25 kg

DC Power Source Et System LAB/SMS 101000
Output: 10 kW; 1000 Vdc, 10A;
Input: 3x400 Vac continuous, 47~63Hz, three phase
Ingress Protection: in transport case: IP 54
Dimensions: in transport case: width 600 mm; height 150 mm; depth 900 mm
Weight: in transport case: 30 kg

Supplied Accessories
aluminum transport case, 2 laptops, 2 USB cables, 2 GPS antennas, camera case, MC4 cable pairs (7x1.5m; 3x3m; 10m, 20m), 7 pairs MC4-MC3 adapters, MC4 toolset
Ingress Protection: aluminum transport case IP 54
Dimensions: width 450 mm; height 450 mm; depth 600 mm
Weight: 25 kg