

## Middleton Solar. FACTORY DIRECT PRICE LIST

valid from 17 February 2017

| MODEL        | current sensors                          | Australian Dollar (ex-GST) unit price |            |            |
|--------------|--|---------------------------------------|------------|------------|
|              |  | 1-4 pieces                            | 5-9 pieces | 10+ pieces |
| DN5          | First Class Pyrheliometer                | \$3,675                               | \$3,491    | \$3,399    |
| DN5-E        | Amplifier version of DN5                 | \$3,990                               | \$3,791    | \$3,691    |
| NSR1         | Net Pyrradiometer                        | \$3,000                               | \$2,850    | \$2,775    |
| SK01-D2      | Pyranometer                              | \$1,325                               | \$1,259    | \$1,226    |
| SK01-DP2     | PAR Sensor                               | \$1,400                               | \$1,330    | \$1,295    |
| SK08         | First Class Pyranometer                  | \$1,650                               | \$1,568    | \$1,526    |
| SK08-E       | Amplifier version of SK08                | \$2,000                               | \$1,900    | \$1,850    |
| EQ08         | First Class Pyranometer                  | \$2,460                               | \$2,337    | \$2,276    |
| EQ08-E       | Amplifier version of EQ08                | \$2,800                               | \$2,660    | \$2,590    |
| EQ08-S       | Secondary Standard Pyranometer           | \$2,800                               | \$2,660    | \$2,590    |
| EQ08-SE      | Amplifier version of EQ08-S              | \$3,100                               | \$2,945    | \$2,868    |
| ER08-S *     | Cavity Secondary Standard Pyranometer    | \$2,900                               | \$2,755    | \$2,683    |
| ER08-SE *    | Amplifier version of ER08-S              | \$3,360                               | \$3,192    | \$3,108    |
| SK16         | Pyrano-albedometer                       | \$3,000                               | \$2,850    | \$2,775    |
| PG01         | Pygeometer                               | \$3,890                               | \$3,696    |            |
| UVR1-A       | Ultraviolet Pyranometer (UVA)            | \$6,320                               | \$6,004    |            |
| UVR1-B       | Ultraviolet Pyranometer (UVB)            | \$7,200                               | \$6,840    |            |
| UVR1-T       | Ultraviolet Pyranometer (UV Total)       | \$6,250                               | \$5,938    |            |
| SD4          | Sunshine Duration Sensor                 | \$2,130                               | \$2,024    |            |
| SP02         | Sunphotometer (FOV=5°)                   | \$12,100                              |            |            |
| SP02-L       | Sunphotometer (FOV=2.5°)                 | \$12,500                              |            |            |
| APT-01       | Automatic Passive Solar Tracker          | \$13,300                              |            |            |
| AST-02       | Active Solar Tracker (single arm)        | \$20,200                              |            |            |
| AST-03       | Active Solar Tracker (dual arm)          | \$24,400                              |            |            |
| ACR-01 *     | Absolute Cavity Radiometer (ex-datalog)  | \$20,000                              |            |            |
| ACR-01 Sys * | Absolute Cavity Radiometer (full System) | \$26,600                              |            |            |

### sensors available to special order

|     |                 |       |
|-----|-----------------|-------|
| CN3 | Heat Flux Plate | \$870 |
|-----|-----------------|-------|

### accessories

|          |  |         |
|----------|--|---------|
| EV1      | Ventilation Unit (for EQ/ER08/S/E)     | \$1,000 |
| LP01     | Levelling Plate (for APT-01, AST-02/3) | \$320   |
| PY01     | Pyranometer Tilt Mount (for AST-02/3)  | \$900   |
| SA02     | Shading Arm Assembly (for AST-02/3)    | \$2,075 |
| PM02     | Pyrheliometer Mount (for DN5/E)        | \$1,175 |
| PM04     | Dual Pyrheliometer Mount (for DN5/E)   | \$2,075 |
| NRA2     | Net Radiometer Amplifier (for NSR1)    | \$825   |
| 3AC      | 3-Axis Clamp (for NSR1, SK16)          | \$400   |
| NS-Dome  | Dome pair (for NSR1)                   | \$20    |
| NS-Oring | Dome Oring pair (for NSR1)             | \$5     |

### calibrations

|                                  |       |
|----------------------------------|-------|
| SK16, UVR1-T/A/B (Oct. to March) | \$475 |
| DN5-E, SK08-E, NSR1              | \$525 |
| EQ08-E, EQ08-SE, ER08-SE         | \$525 |
| all other MSolar sensors         | \$400 |
| non MSolar sensors               | \$675 |

\* **NEW**

contact: [adm@middletonsolar.com](mailto:adm@middletonsolar.com)

[www.middletonsolar.com](http://www.middletonsolar.com)

Note: (a) prices are in Australian Dollars and exclude Australian Goods and Services Tax (GST).

(b) Prices are Ex Works (EXW) and exclude freight, duty, and insurance.

(c) MasterCard and VISA Card payment accepted (3% surcharge).

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### Typical Solar Tracker Systems

| TRACKER SYSTEM | SYSTEM DESCRIPTION   | Australian \$<br>(ex GST) |
|----------------|--|---------------------------|
| SP             | SunPhotometer System                                       |                           |
|                | SP02 Sunphotometer   | \$12,100                  |
|                | AST-02 Active Solar Tracker                                | \$20,200                  |
|                | LP01 Levelling Plate                                       | \$320                     |
|                | SP total   | \$32,620                  |
| DNI            | Direct Normal Irradiance System                            |                           |
|                | DN5 Pyrheliometer  | \$3,675                   |
|                | APT-01 Automatic Passive Tracker                           | \$13,300                  |
|                | LP01 Levelling Plate                                       | \$320                     |
|                | DNI total  | \$17,295                  |
| DG             | Diffuse & Global Horiz Irradiance System                   |                           |
|                | EQ08 Pyranometer x 2                                       | \$4,920                   |
|                | AST-02 Active Solar Tracker                                | \$20,200                  |
|                | SA02 Shading Arm Assembly                                  | \$2,075                   |
|                | LP01 Levelling Plate                                       | \$320                     |
|                | DG total   | \$27,515                  |
| DDG            | Direct + Diffuse & Global Horiz Irradiance System          |                           |
|                | DN5 Pyrheliometer  | \$3,675                   |
|                | EQ08 Pyranometer x 2                                       | \$4,920                   |
|                | AST-03 Active Solar Tracker                                | \$24,400                  |
|                | PM02 Pyrheliometer Mount                                   | \$1,175                   |
|                | SA02 Shading Arm Assembly                                  | \$2,075                   |
|                | LP01 Levelling Plate                                       | \$320                     |
|                | DDG total  | \$36,565                  |
| DDGT           | Direct + Diffuse & Global Horiz + Tilted Irradiance System |                           |
|                | DN5 Pyrheliometer  | \$3,675                   |
|                | EQ08 Pyranometer x 3                                       | \$7,380                   |
|                | AST-03 Active Solar Tracker                                | \$24,400                  |
|                | PM02 Pyrheliometer Mount                                   | \$1,175                   |
|                | SA02 Shading Arm Assembly                                  | \$2,075                   |
|                | PY01 Pyranometer Tilt Mount                                | \$900                     |
|                | LP01 Levelling Plate                                       | \$320                     |
|                | DDGT total   | \$39,925                  |

SP02-L is alternative to SP02

DN5-E is alternative to DN5

EQ08-E, EQ08-S/E, ER08-S/E are alternatives to EQ08

Middleton Solar. Made in Australia

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