

## Middleton Solar. FACTORY DIRECT PRICE LIST

valid from February 2019

MODEL	current sensors	ISO 9060: 2018 Classification	Australian Dollar (ex-GST) unit price		
			1-4 pieces	5-9 pieces	10+ pieces
DN5-B	Spectrally Flat Pyrheliometer	Class B	\$3,675	\$3,491	\$3,399
DN5-BE	Amplifier version of DN5-B	Class B	\$3,990	\$3,791	\$3,691
DN5-BF	Fast Response Spec. Flat Pyrheliometer	Class B	\$4,525	\$4,299	\$4,186
DN5-AF	Class A version of DN5-BF	Class A	\$4,725	\$4,489	\$4,371
NSR1	Net Pyrradiometer	-	\$3,125	\$2,969	\$2,891
NSR1-E	Amplifier version of NSR1	-	\$3,600	\$3,420	\$3,330
SK01-D2	Fast Response Pyranometer	Class C	\$1,400	\$1,330	\$1,295
SK01-DP2	PAR Sensor	-	\$1,465	\$1,392	\$1,355
SK08	Spectrally Flat Pyranometer	Class B	\$1,700	\$1,615	\$1,573
SK08-E	Amplifier version of SK08	Class B	\$2,050	\$1,948	\$1,896
EQ08-B	Spectrally Flat Pyranometer	Class B	\$2,460	\$2,337	\$2,276
EQ08-BE	Amplifier version of EQ08-B	Class B	\$2,800	\$2,660	\$2,590
EQ09-A	Secondary Standard Pyranometer	-	\$2,800	\$2,660	\$2,590
	Spectrally Flat Pyranometer	Class A	\$3,060	\$2,907	\$2,831
EQ09-AE	Amplifier version of Sec. Std. EQ09-A	-	\$3,125	\$2,969	\$2,891
	Amplifier version of EQ09-A	Class A	\$3,400	\$3,230	\$3,145
ER08-S	Fast Response Secondary Std. Pyrano.	-	\$2,900	\$2,755	\$2,683
ER08-SE	Amplifier version of ER08-S	-	\$3,225	\$3,064	\$2,983
SK16	Spectrally Flat Pyrano-albedometer	Class B	\$3,100	\$2,945	\$2,868
SK16-E	Amplifier version of SK16	Class B	\$3,860	\$3,667	\$3,571
PG01	Pyrgometer		\$3,890	\$3,696	
PG01-E	Amplifier version of PG01		\$4,855	\$4,612	
UVR1-A2	Ultraviolet Pyranometer (UV-A)		\$7,450	\$7,078	
UVR1-B2	Ultraviolet Pyranometer (UV-B)		\$7,450	\$7,078	
UVR1-T2	Ultraviolet Pyranometer (UV Total)		\$6,650	\$6,318	
SD4	Sunshine Duration Sensor		\$2,130	\$2,024	
SP02	Sunphotometer (FOV=5°)		\$12,100		
SP02-L	Sunphotometer (FOV=2.5°)		\$12,500		
AST-02	Active Solar Tracker (single arm)		\$15,600		
AST-03	Active Solar Tracker (dual arm)		\$17,400		

### sensors available to special order

ACR-01	Absolute Cavity Radiometer	Class AA	POA
APT-02	Auto. Passive version of AST-02 Tracker	-	\$12,000
CN3	Heat Flux Plate	-	\$870
EQ09-AQ	"quartz" dome version of EQ09-A	Class A	\$4,925
EQ09-AR	reduced output version of EQ09-A	Class A	\$3,060
EQ18-A/AE	Albedometer version of EQ09-A/AE	-	POA
NSK4	4-Component Net Pyrradiometer	-	\$7,400

### accessories

EV2-H	Ventilator/heater Unit (for EQ/ER/PG)	\$1,010
LP01	Levelling Plate (for APT-01, AST-02/3)	\$335
PY01	Pyranometer Tilt Mount (for AST-02/3)	\$900
SA02	Shading Arm Assembly (for AST-02/3)	\$2,075
PM02	Pyrheliometer Mount (for DN5-B/F/E)	\$1,175
3AC	3-Axis Clamp (for NSR1, SK16)	\$400

items in GREEN are new or upgraded

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

(b) MasterCard, VISA, and PayPal payments accepted

adm@middletonsolar.com

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

## Middleton Solar. FACTORY DIRECT PRICE LIST

valid from February 2019

calibrations	AU\$ (ex GST)
SK16, UVR1-T/A/B (Oct. to March)	\$470
DN5-BE, SK08-E, NSR1	\$535
EQ08-BE, EQ09-AE, ER08-SE	\$535
all other MSolar sensors	\$400
non MSolar sensors, NSK4	\$675

### Typical Solar Tracker Configurations

TRACKER SYSTEM	SYSTEM DESCRIPTION	Australian \$ (ex GST)
SP	SunPhotometer System	
	SP02 Sunphotometer	\$12,100
	AST-02 Active Solar Tracker	\$15,600
	LP01 Levelling Plate	\$335
	SP total	\$28,035
DNI	Direct Normal Irradiance System	
	DN5-B Pyrheliometer	\$3,675
	APT-02 Automatic Passive Tracker	\$12,000
	PM02 Pyrheliometer Mount	\$1,175
		\$335
	DNI total	\$17,185
DG	Diffuse & Global Horiz Irradiance System	
	EQ08-B Pyranometer x 2	\$4,920
	AST-02 Active Solar Tracker	\$15,600
	SA02 Shading Arm Assembly	\$2,075
		\$335
	DG total	\$22,930
DDG	Direct + Diffuse & Global Horiz Irradiance System	
	DN5-B Pyrheliometer	\$3,675
	EQ08-B Pyranometer x 2	\$4,920
	AST-03 Active Solar Tracker	\$17,400
	PM02 Pyrheliometer Mount	\$1,175
	SA02 Shading Arm Assembly	\$2,075
		\$335
	DDG total	\$29,580
DDGT	Direct + Diffuse & Global Horiz + Tilted Irradiance System	
	DN5-B Pyrheliometer	\$3,675
	EQ08-B Pyranometer x 3	\$7,380
	AST-03 Active Solar Tracker	\$17,400
	PM02 Pyrheliometer Mount	\$1,175
	SA02 Shading Arm Assembly	\$2,075
	PY01 Pyranometer Tilt Mount	\$900
		\$335
	DDGT total	\$32,940

SP02-L is alternative to SP02

DN5-BE, DN5-BF, DN5-AF are alternatives to DN5-B

EQ08-BE, EQ09-A/E, ER08-S/E are alternatives to EQ08-B

### Middleton Solar. Made in Australia

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

(b) MasterCard, VISA, and PayPal payments accepted

adm@middletonsolar.com

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