



PRODUCT CATALOGUE

AetherSol

Module-level solar electronics

Micro-inverters · Panel micro-inverters · Optimisers and gateway · Rapid shutdown · Balcony and roof kits

One line, from a single module to a rooftop array

AetherSol is Archai's module-level power electronics line. Every product in it does its work at the module, not at the end of a string: it tracks the maximum power point of one panel, reports what that panel is doing, and can switch that panel off. That is the whole idea, and everything in this catalogue follows from it.

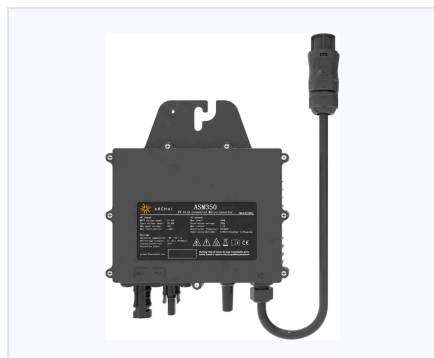
There are two ways to use the line. Fit a micro-inverter and each module produces AC on the roof, which removes the string inverter, the DC combiner and most of the high-voltage DC wiring. Fit an optimiser and the string inverter stays, but the string stops being limited by its worst module and the installer gains per-module shutdown and per-module data. The two approaches are shown side by side on page 4.

The models below are in volume production, except where a page says otherwise. Certificates, test reports and installation manuals are available on request.

FAMILY	WHAT IT IS	MODELS	RATING
ASM	Grid-connected micro-inverter, 1 / 2 / 4 modules per unit	ASM350S – ASM450S · ASM600D – ASM800D · ASM1800Q – ASM2500Q	350 – 2 500 VA
ASPM	Panel micro-inverter for factory-fitted AC modules	ASPM500 · ASPM550 · ASPM600	500 – 600 VA
ARC	DC optimiser and its data gateway, for string-inverter systems	ARC-800 · ARC-GT	800 W per optimiser
ASR	Rapid shutdown device with module-level monitoring	ASR-15S · ASR-15D	15 A, 1 500 V system
FSK	Packed balcony kit: inverter, flexible panels, cabling, straps	FSK-400 · FSK-800	400 / 800 W

ARC-800, ARC-GT, ASR-15S and ASR-15D are AetherSol platform designations. Earlier documents and shipping records for the same hardware may carry the references Archai iOPT 800W, Archai GT, RSD-15S and RSD-15D.

What Archai builds



ASM350S / 400S / 450S
Single-module micro-inverter



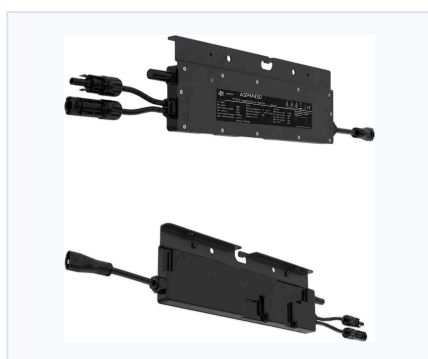
ASM600D / 700D / 800D
Dual-module micro-inverter



ASM1800Q / 2000Q
Quad-module micro-inverter



ASM2250Q / 2500Q
Quad-module, 2.5 kVA class



ASPM500 / 550 / 600
AC-module micro-inverter



ARC-800 + ARC-GT
DC optimiser and gateway



ASR-15S / ASR-15D
Rapid shutdown device

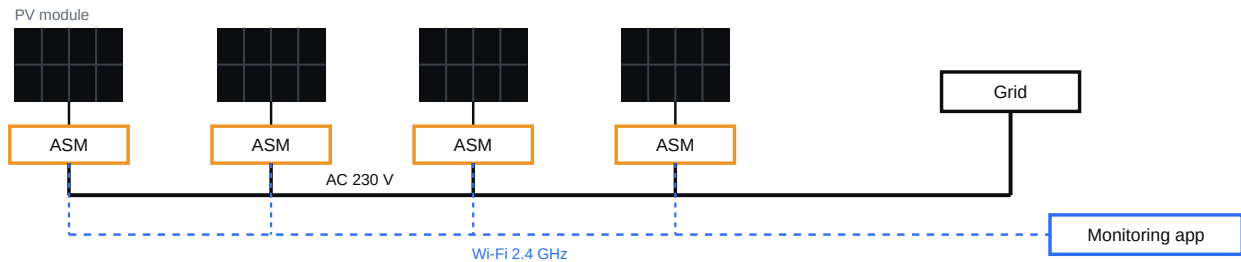


FSK-400 / FSK-800
Flexible balcony kit

Two ways to build the same array

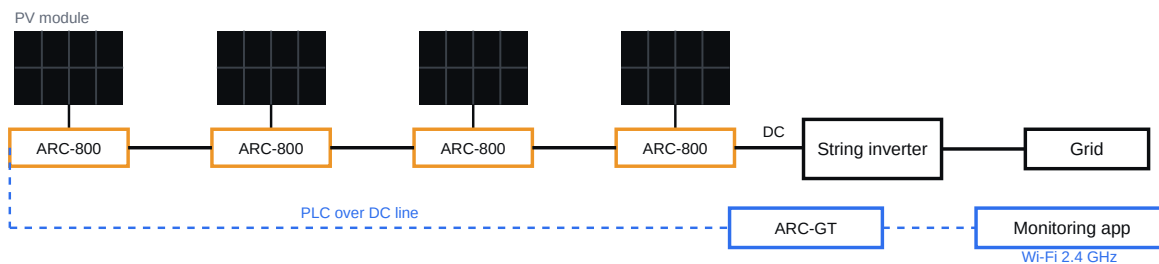
A • Micro-inverter — AC on the module

Each module gets its own inverter. The array carries 230 V AC from the first module onward, so there is no string inverter, no DC combiner and no high-voltage DC on the roof. Shading on one module costs that module's output and nothing else. Wi-Fi carries per-module data to the monitoring app.



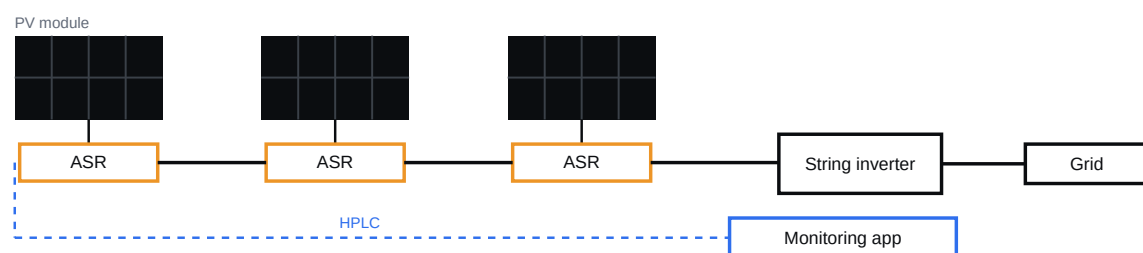
B • Optimiser — DC conditioning ahead of a string inverter

Each module gets an ARC-800 optimiser; the string inverter stays. The optimiser tracks the module's maximum power point and hands the string a conditioned DC output, so one weak module no longer sets the current for all of them. The ARC-GT gateway reads the optimisers over the DC line by power-line carrier and publishes the data over Wi-Fi or RS-485.



C • Rapid shutdown — de-energising the DC side

Where the inverter or optimiser architecture is already fixed and only the safety function is needed, the ASR device sits behind the module, reports its voltage, current, power and temperature over HPLC, and drops the module output on command or on loss of the keep-alive signal.



	A • MICRO-INVERTER	B • OPTIMISER	C • RAPID SHUTDOWN
String inverter needed	No	Yes	Yes
High-voltage DC on the roof	No	Yes	Yes
Per-module MPPT	Yes	Yes	No
Per-module data	Wi-Fi	PLC to the gateway	HPLC
Per-module shutdown	Inherent	Yes	Yes
Typical use	Balcony, retrofit, small roof	Commercial roof; existing string plant	Adding the safety function to a fixed design

ASM350S / ASM400S / ASM450S

One module per unit · 350 – 450 VA

The smallest AetherSol inverter. One MPPT channel, one module, an IP67 die-cast enclosure and a 12-year standard warranty. Used where modules are added one at a time — balconies, carports, retrofits and awkward roof faces.

Up to 530 W module

Module-level monitoring

IP67

Wi-Fi 2.4 GHz

Galvanic isolation

12-year warranty



	ASM350S	ASM400S	ASM450S
INPUT DATA (DC)			
Recommended PV module power, STC (W)	350 – 420	400 – 480	450 – 530
Peak-power MPPT voltage range (V)	27 – 45	27 – 45	27 – 45
Operating voltage range (V)	25 – 60	25 – 60	25 – 60
Maximum input voltage (V)	60	60	60
Maximum input current (A)	14	16	18
OUTPUT DATA (AC)			
Maximum continuous output power (VA)	350	400	450
Maximum continuous output current (A)	1.7	1.9	2.2
Nominal output voltage / range (V)	230 / 207 – 253		
Adjustable output voltage range (V)	187 – 265		
Nominal frequency / range (Hz)	50 / 48 – 51 · 60 / 59.3 – 60.5		
Adjustable output frequency range (Hz)	45 – 65		
Power factor, adjustable	0.99; adjustable 0.8 leading ... 0.8 lagging		
Total harmonic distortion	< 5 %		
EFFICIENCY			
Peak conversion efficiency	> 95 %		
CEC weighted efficiency	> 94 %		
Nominal MPPT efficiency	> 99.8 %		
Night power consumption (mW)	< 30		
MECHANICAL DATA			
Ambient temperature range (°C)	-40 ... +65		
Dimensions W × H × D (mm)	197 × 195 × 36		
Weight (kg)	1.6		
Altitude (m)	2 000		
Ingress protection	IP67		
Cooling	Natural convection		

Communication Wi-Fi 802.11 b/g/n, 2.4 GHz · **Isolation design** High-frequency transformer, galvanically isolated · **Warranty** 12 years standard; extended warranty optional

Compliance VDE 0124 · CEI 0-21 · VDE 0126 · RD 1663 · RD 1699 · EN 50549-1 · EN 50549-10 · VDE-AR-N 4105 · UNE 217001 / UNE 217002 / RD 647 · NB/T 32004

ASM600D / ASM700D / ASM800D

Two modules per unit · 600 – 800 VA

Two independent MPPT channels in one housing. The usual choice for balcony systems in markets with an 800 W feed-in limit, and the lowest cost per watt in the ASM family once two modules sit next to each other.

Up to 480 W per input

2 independent MPPT

IP67

Wi-Fi 2.4 GHz

Galvanic isolation

12-year warranty



	ASM600D	ASM700D	ASM800D
INPUT DATA (DC)			
Recommended PV module power, STC (W)	300 – 360	350 – 420	400 – 480
Peak-power MPPT voltage range (V)	30 – 45	30 – 45	30 – 45
Operating voltage range (V)	26 – 60	26 – 60	26 – 60
Maximum input voltage (V)	60	60	60
Maximum input current (A)	2 × 11	2 × 13	2 × 15
OUTPUT DATA (AC)			
Maximum continuous output power (VA)	600	700	800
Maximum continuous output current (A)	2.8	3.2	3.7
Nominal output voltage / range (V)	230 / 207 – 253		
Adjustable output voltage range (V)	187 – 265		
Nominal frequency / range (Hz)	50 / 48 – 51 · 60 / 59.3 – 60.5		
Adjustable output frequency range (Hz)	45 – 65		
Power factor, adjustable	0.99; adjustable 0.8 leading ... 0.8 lagging		
Total harmonic distortion	< 5 %		
EFFICIENCY			
Peak conversion efficiency	> 95 %		
CEC weighted efficiency	> 94 %		
Nominal MPPT efficiency	> 99.8 %		
Night power consumption (mW)	< 100		
MECHANICAL DATA			
Ambient temperature range (°C)	-40 ... +65		
Dimensions W × H × D (mm)	220 × 220 × 37		
Weight (kg)	3.0		
Altitude (m)	2 000		
Ingress protection	IP67		
Cooling	Natural convection		

Communication Wi-Fi 802.11 b/g/n, 2.4 GHz · **Isolation design** High-frequency transformer, galvanically isolated · **Warranty** 12 years standard; extended warranty optional

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ASM1800Q / 2000Q / 2250Q / 2500Q

Four modules per unit · 1 800 – 2 500 VA

Four MPPT channels for rooftop and small commercial work, where the installer wants module-level behaviour without one inverter per module. ASM2250Q and ASM2500Q are released for sampling; confirm lead time before quoting them.

Up to 750 W per input

4 independent MPPT

IP67

Wi-Fi 2.4 GHz

Galvanic isolation

12-year warranty

ASM2250Q / ASM2500Q — sampling. Confirm availability at order.



	ASM1800Q	ASM2000Q	ASM2250Q	ASM2500Q
INPUT DATA (DC)				
Recommended PV module power, STC (W)	450 – 540	500 – 600+	500 – 750	500 – 750
Peak-power MPPT voltage range (V)	30 – 48	30 – 48	30 – 48	30 – 48
Operating voltage range (V)	26 – 60	26 – 60	18 – 60	18 – 60
Maximum input voltage (V)	60	60	60	60
Maximum input current (A)	16 × 4	18 × 4	18 × 4	20 × 4
OUTPUT DATA (AC)				
Maximum continuous output power (VA)	1 800	2 000	2 250	2 500
Maximum continuous output current (A)	7.8	8.7	10.0	11.5
Nominal output voltage / range (V)	230 / 207 – 253			
Adjustable output voltage range (V)	195.5 – 264.5			
Nominal frequency / range (Hz)	50 / 48 – 51 · 60 / 59.3 – 60.5			
Adjustable output frequency range (Hz)	45 – 65			
Power factor, adjustable	0.99; adjustable 0.8 leading ... 0.8 lagging			
Total harmonic distortion	< 5 %			
EFFICIENCY				
Peak conversion efficiency	> 95 %			
CEC weighted efficiency	> 93.5 %	> 93.5 %	> 94 %	> 94 %
Nominal MPPT efficiency	> 99.8 %			
Night power consumption (mW)	< 100			
MECHANICAL DATA				
Ambient temperature range (°C)	-40 ... +65			
Dimensions W × H × D (mm)	320 × 293 × 48			
Weight (kg)	6.4			
Altitude (m)	2 000			
Ingress protection	IP67			
Cooling	Natural convection			

Communication Wi-Fi 802.11 b/g/n, 2.4 GHz · **Isolation design** High-frequency transformer, galvanically isolated · **Warranty** 12 years standard; extended warranty optional

Compliance VDE 0124 · VDE 0126 · RD 1663 · RD 1699 · EN 50549-1 · CEI 0-21:2002 · UNE 217001 / UNE 217002 / RD 647 · NB/T 32004

ASPM500 / ASPM550 / ASPM600

Panel micro-inverter · 500 – 600 VA

A flat 21.5 mm inverter designed to be laminated or bolted to the module in the panel factory, so the finished product leaves the line as an AC module. Handles today's 450 – 700 W cells and adds under 1.5 kg to the panel.

Up to 700 W module

21.5 mm profile

1.5 kg

IP67

Wi-Fi 2.4 GHz

12-year warranty



	ASPM500	ASPM550	ASPM600
INPUT DATA (DC)			
Recommended PV module power, STC (W)	450 – 600	450 – 650	450 – 700+
Peak-power MPPT voltage range (V)	34 – 52	34 – 52	34 – 52
Operating voltage range (V)	18 – 60	18 – 60	18 – 60
Maximum input voltage (V)	60	60	60
Maximum input current (A)	16	18	20
OUTPUT DATA (AC)			
Maximum continuous output power (VA)	500	550	600
Maximum continuous output current (A)	2.3 / 2.2	2.5 / 2.4	2.8 / 2.7
Nominal output voltage / range (V)	220 / 230, range 207 – 253		
Adjustable output voltage range (V)	187 – 265		
Nominal frequency / range (Hz)	50 / 48 – 51 · 60 / 59.3 – 60.5		
Adjustable output frequency range (Hz)	45 – 65		
Power factor, adjustable	0.99; adjustable 0.8 leading ... 0.8 lagging		
Total harmonic distortion	< 5 %		
EFFICIENCY			
Peak conversion efficiency	> 95 %		
CEC weighted efficiency	> 94 %		
Nominal MPPT efficiency	> 99.8 %		
Night power consumption (mW)	< 30		
MECHANICAL DATA			
Ambient temperature range (°C)	-40 ... +65		
Dimensions W × H × D (mm)	353 × 108.4 × 21.5		
Weight (kg)	1.5		
Altitude (m)	2 000		
Ingress protection	IP67		
Cooling	Natural convection		

Communication Wi-Fi 802.11 b/g/n, 2.4 GHz · **Isolation design** High-frequency transformer, galvanically isolated · **Warranty** 12 years standard; extended warranty optional

Compliance VDE 0124 · CEI 0-21 · VDE 0126 · RD 1663 · RD 1699 · EN 50549-1 · EN 50549-10 · VDE-AR-N 4105 · UNE 217001 / UNE 217002 / RD 647 · NB/T 32004

ARC-800

DC power optimiser · 800 W · 1 500 V system

A module-level DC optimiser for systems that keep their string inverter. It tracks the module's maximum power point at 99.7 % peak efficiency, reports voltage, current, power, temperature and state to the ARC-GT gateway over the DC line, and drops its output to zero on shutdown.

- Module-level MPPT recovers the yield a string otherwise loses to shading, soiling and module mismatch — the manufacturer's figure is 5 – 30 %, and the real number depends entirely on how bad the mismatch was.
- Works with mainstream modules and with the string inverters already installed, so it suits retrofits and part-built plants as well as new work.
- Module-level shutdown for firefighting and maintenance access.
- 12-year standard warranty; design life beyond 25 years.

800 W input

1 500 V system

≥ 99.7 % peak MPPT

IP68

PLC on the DC line

Rapid shutdown

INPUT DATA (DC)	
Maximum input power (W)	800
Maximum operating voltage (V)	70
MPPT voltage range (V)	12 – 60
Maximum continuous input current (A)	21
Maximum input short-circuit current (A)	23
OUTPUT DATA (AC)	
Maximum continuous output current (A)	21
Maximum output power (W)	780
Output voltage, no load (V)	0 – 60
Output during shutdown (W)	0
Maximum system voltage (V)	1 500
Voltage accuracy	± 0.1 V
Peak MPPT efficiency	≥ 99.7 %
COMMUNICATION	
Communication	PLC (power-line carrier)
Reported parameters	PV voltage, output voltage, output current, output power, temperature, state



PROTECTION

Input over-voltage	> 75 V
Output over-current	> 22 A
Output overload	> 800 W
Over-temperature	> 110 °C
Night self-consumption	≤ 0.5 W

MECHANICAL DATA

Dimensions W × H × D (mm)	116 × 31.5 × 123
Weight (kg)	0.865 kg
Input / output cable length	IN+ 200 · IN– 1 100 · OUT+ 750 · OUT– 750 mm
Cable cross-section	4 mm ² (12 AWG)
Connectors	Staubli MC4 or compatible
Ingress protection	IP68
Relative humidity	0 – 100 % RH
Operating temperature	-40 ... +65 °C
Cooling	Natural convection
Installation	Wall-mounted, screw-locked

CERTIFICATION AND SUPPLY

Certification	TÜV Rheinland · CE
Packing	28 pcs/carton · 840 pcs/pallet

ARC-GT

Data gateway for ARC-800 · 30 strings

One gateway serves up to 30 strings of ARC-800 optimisers. It reads them over the DC line by power-line carrier, publishes to the monitoring platform over 2.4 GHz Wi-Fi or RS-485, and carries the rapid-shutdown button and its four status indicators.

30 strings	PLC downlink	Wi-Fi / RS-485 uplink	IP67	IEC 62109-1
Rapid shutdown				



GENERAL

Matched optimiser	ARC-800
Maximum system voltage (V)	1 500 V
AC INPUT	
AC input voltage range (V)	90 – 264
AC input frequency (Hz)	50 / 60
Maximum AC input power (W)	5
Maximum AC input current (A)	0.1 @ 90 V AC
AC input cable length	1 m

PV INPUT

Number of input strings	30
Maximum current per string (A)	21
Connectors	Staubli MC4 or compatible

COMMUNICATION

To optimiser	PLC (power-line carrier)
To host system	2.4 GHz Wi-Fi / RS-485

OPERATION

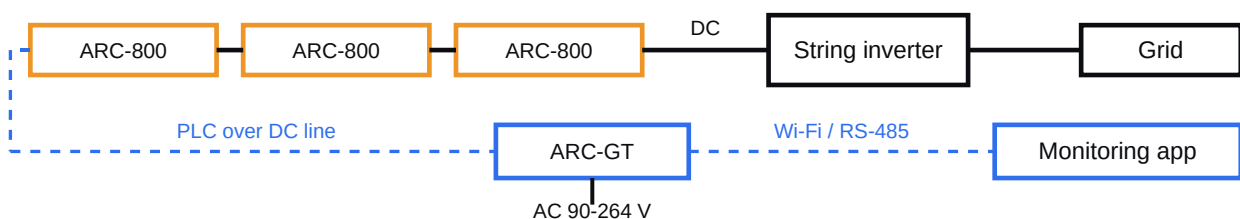
Initial state	Off when AC is absent; on when AC is applied
Switch-on	Press the button once until the RUNNING indicator lights
Switch-on time	< 5 s
Shutdown	Press the button once until the RSD indicator lights, or remove AC — all indicators go dark
Shutdown time	< 30 s
Rapid shutdown	Supported

STANDARDS

EMC	IEC 61000-6-1 · IEC 61000-6-2 · IEC 61000-6-3
Safety	IEC 62109-1
RoHS	Compliant
Certification	TÜV Rheinland · CE

MECHANICAL DATA

Dimensions W × H × D (mm)	140 × 33.5 × 175
Weight (kg)	0.88 kg
Ingress protection	IP67
Operating temperature	-40 ... +70 °C
Cooling	Natural convection
Installation	Wall-mounted, screw-locked
Packing	5 pcs/carton · 40 pcs/pallet



ARC-GT connection: the gateway taps the optimiser string on the DC side and takes its own supply from a 90 – 264 V AC outlet.

ASR-15S / ASR-15D

Rapid shutdown and module monitoring · 15 A · 1 500 V system

A behind-the-module device for 1 000 V and 1 500 V arrays. It measures module voltage, current, power and temperature, decides from those whether the module is faulty, and opens the module output on command. ASR-15S serves one module, ASR-15D serves two.

15 A rated

1 500 V system

IP68

HPLC 0.7 – 12 MHz

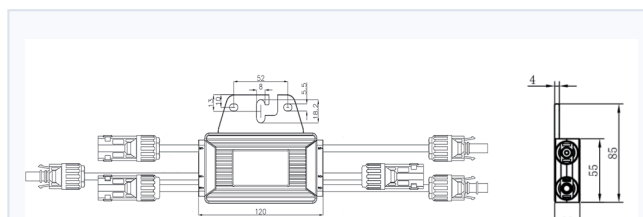
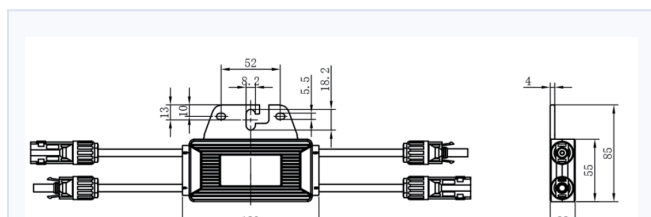
≤ 3 mΩ contact

-40 ... +75 °C



	ASR-15S	ASR-15D
GENERAL		
PV modules served	1 module	2 modules
Rated voltage (DC)	DC 8 – 80 V	
Rated current	15 A	
Maximum system voltage (V)	1 500 V	
Module power consumption	0.5 W	
Contact resistance	≤ 3 mΩ	
COMMUNICATION		
Communication	HPLC (broadband power-line carrier)	
Carrier frequency	0.7 – 12 MHz	
Current accuracy	± 0.05 A	
Voltage accuracy	± 0.3 V	
Rapid shutdown	Supported	
MECHANICAL DATA		
Dimensions W × H × D (mm)	120 × 85 × 22	
Cable cross-section	4 mm²	
Cable length	Input 300 mm, output 650 mm; other lengths to order	
Connectors	MC4	
Ingress protection	IP68	
Operating temperature	-40 ... +75 °C	
STANDARDS		
Safety class	Class II	
Flame rating	V-0, 5VA — Plastic enclosure only	
Pollution degree	Class II	
Over-voltage category	Class III	

DIMENSIONS



FSK-400 and FSK-800 flexible solar kits

A balcony system in one carton: inverter, flexible panels, DC extensions, AC cable and mounting straps. Nothing else has to be sourced. The panels are 3.3 kg each, so one person can mount a kit on a railing without lifting gear.



	FSK-400	FSK-800
Micro-inverter	400 W	800 W
Flexible panels	2 × 200 W, 3.3 kg each	4 × 200 W, 3.3 kg each
Panel size	1 140 × 915 × 18 mm	1 140 × 915 × 18 mm
DC extension, MC4	1.2 m × 2	1.2 m × 2 and 2 m × 2
AC cable	5 m	5 m
Stainless steel straps	25	45
Carton	1 180 × 970 × 70 mm	1 180 × 970 × 100 mm
Gross weight	20 kg	24.5 kg
Loading, 40' HQ	674 kits	500 kits
Terms	DAP	DAP

WHAT IS IN THE CARTON

01 Micro-inverter ASM400 / ASM800 class, factory-set for the destination grid	02 Flexible panels 200 W each, 1 140 × 915 × 18 mm, 3.3 kg	03 DC extension cables MC4, pre-terminated	04 AC cable 5 m, plug fitted to the destination market	05 Stainless steel straps For railing and balustrade mounting
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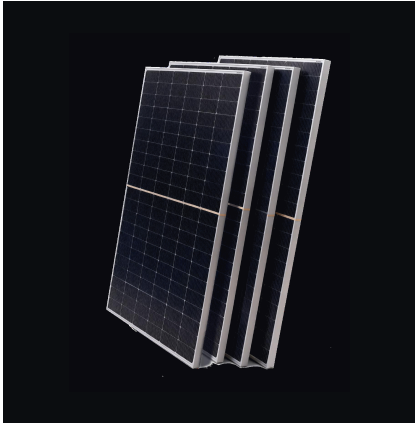
Balcony, roof and AC module

A balcony system is the shortest path from a module to a bill that is smaller. It plugs into a domestic socket, needs no roof work and no DC electrician, and comes apart again when the tenant moves. Archai supplies it three ways: as a packed FSK kit, as loose ASM inverters for an installer's own panels, or as finished AC modules built around ASPM.

The same electronics scale up. On a pitched roof an ASM1800Q or ASM2500Q covers four modules; on a commercial array the ARC-800 and ARC-GT keep the existing string inverter and add the module-level measurement and shutdown that the fire service asks for.



800 W balcony system



2 500 W balcony system



600 W AC module

CHOOSING BY JOB

Balcony, one or two modules	ASM350S – ASM800D, or a packed FSK kit
Balcony or terrace, four to six modules	ASM1800Q – ASM2500Q
Panel factory building AC modules	ASPM500 – ASPM600
Rooftop array keeping its string inverter	ARC-800 with ARC-GT
Existing plant needing only rapid shutdown	ASR-15S or ASR-15D

In service

Balcony, façade, ground-mount, tile and standing-seam roof installations built on AetherSol electronics. Photographs supplied by Archai and its installation partners.



Selection guide

Read down the column that matches the job. Where a system has to satisfy a feed-in limit, size on the inverter's maximum continuous output power, not on the module rating.

MODEL	MPPT	MODULE POWER, STC (W)	OUTPUT (VA)	OUTPUT (A)	DIMENSIONS (MM)	KG
ASM350S	1	350 – 420	350	1.7	197 × 195 × 36	1.6
ASM400S	1	400 – 480	400	1.9	197 × 195 × 36	1.6
ASM450S	1	450 – 530	450	2.2	197 × 195 × 36	1.6
ASM600D	2	300 – 360 ×2	600	2.8	220 × 220 × 37	3.0
ASM700D	2	350 – 420 ×2	700	3.2	220 × 220 × 37	3.0
ASM800D	2	400 – 480 ×2	800	3.7	220 × 220 × 37	3.0
ASM1800Q	4	450 – 540 ×4	1 800	7.8	320 × 293 × 48	6.4
ASM2000Q	4	500 – 600+ ×4	2 000	8.7	320 × 293 × 48	6.4
ASM2250Q	4	500 – 750 ×4	2 250	10.0	320 × 293 × 48	6.4
ASM2500Q	4	500 – 750 ×4	2 500	11.5	320 × 293 × 48	6.4
ASPM500	1	450 – 600	500	2.3 / 2.2	353 × 108.4 × 21.5	1.5
ASPM550	1	450 – 650	550	2.5 / 2.4	353 × 108.4 × 21.5	1.5
ASPM600	1	450 – 700+	600	2.8 / 2.7	353 × 108.4 × 21.5	1.5
ARC-800	1	≤ 800 W DC	780 W	21	116 × 31.5 × 123	0.865
ARC-GT	—	30 strings	—	0.1 AC	140 × 33.5 × 175	0.88
ASR-15S	—	1 module	—	15	120 × 85 × 22	—
ASR-15D	—	2 modules	—	15	120 × 85 × 22	—

ASM2250Q and ASM2500Q are at sampling stage. ARC-800 is rated in W of DC input, not VA of AC output, because it does not invert.

Ordering, compliance and contact

Compliance

ASM and ASPM inverters are declared to VDE 0124, VDE 0126, CEI 0-21, RD 1663, RD 1699, EN 50549-1, EN 50549-10, VDE-AR-N 4105, UNE 217001 / UNE 217002 / RD 647 and NB/T 32004. ARC-800 and ARC-GT carry TÜV Rheinland and CE marks and are declared to IEC 62109-1 and IEC 61000-6-1/-6-2/-6-3. Certificates and test reports are issued on request; grid-code approval is market-specific and must be confirmed for the country of installation before order.

Warranty

Twelve years standard on ASM, ASPM and ARC products, with extended cover available at order. Warranty terms, RMA route and spares policy are set in the supply agreement, not in this catalogue.

OEM and ODM

All AetherSol products are available on an OEM or ODM basis: customer nameplate, customer packaging, customer firmware branding, and where volume justifies it, a customer-specific power class or connector configuration. Minimum quantities and tooling terms on request.

Ordering

Quote the model code exactly as printed in this catalogue, the grid code of the destination market, the nominal frequency, and the connector type if it is not MC4. For ASR devices state the cable lengths if the standard 300 mm / 650 mm is not wanted.

DOCUMENT CONTROL

Document	AetherSol Product Catalogue
Identity	SYSTEM-ASSIGNED / TBD
Template family	EXT-PUBLICATION
Revision / status	Rev A · WORKING
Audience	PUBLIC / EXTERNAL CONTROLLED
Design standard	ARCHAI-CIVI-001 v0.1.0, office_screen_pdf surface profile
Typeface	Arial declared; Liberation Sans embedded as the metric-compatible substitute. CJK set in Noto Sans CJK.
Sources	AetherSol product brochure (EN); Smart Optimiser and Gateway Data Sheets V1.3; SUNGO-iOPT-V1-2024 CN; PV rapid shutdown datasheet (CN)
Owner	Archai · archaipower.com

Specifications are subject to change without notice. Nothing in this catalogue is an offer, a warranty or a grid-code approval. Product photography shows current production hardware; nameplates in the photographs may carry an earlier model reference.