



* distributors must confirm pricing on these items

AMPAIR 6000 WIND GENERATOR & ACCESSORIES

Model	Name	Description	Price
generator package			
A60-PVI-60-240	Ampair 6000-PVI-60-240	Ampair 6000 Watt x 5.5m diameter turbine system, 230 Volt single phase output; marine grade; white, includes: turbine head (with mast flange bolts), cable connectors, interconnect unit (with lockable isolator & stop switch; 40A SP+N RCD+MCB; fuses; class 1 Ofgem approved kWh meter, rectifier, overvoltage controller), inverter (to VDE 0126-1-1; G59; UL 1741) with multi-function LCD display (V, I, kWh, etc). Includes manuals and packaging. For 60Hz countries such as USA	£12,650.00
A60-PVI-50-230	Ampair 6000-PVI-50-230	As above but suits 50Hz, 230V countries such as Europe including UK	£12,650.00
A60-MWI-230	Ampair 6000-MWI-50/60-230	Ampair 6000 Watt x 5.5m diameter turbine system, 230 Volt AC single phase output and 48V DC output; marine grade; white, includes: turbine head (with mast flange bolts), cable connectors, interconnect unit (with lockable isolator & stop switch; 40A SP+N RCD+MCB; fuses; class 1 Ofgem approved kWh meter, rectifier, overvoltage controller), inverter (for on and off-grid use) with multi-function LCD display (V, I, kWh, etc). Includes manuals and packaging. For both 50 and 60Hz countries.	£14,150.00
A60-MWI-115	Ampair 6000-MWI-50/60-115	As above but suits 115V countries such as USA	£14,150.00
mounting systems			
A60 M10-GP	10m hinge monopole tower	10m Stainton/Valmont monopole mast, includes: galvanised base hinged mast in two sections; baseplate; foundation bolts; baseplate nuts & bolts; removable ginpole; 7m ginpole sling; shackles. Does not include template as mast base can be used.	£1,350.00 *
A60 M12-GP	12m hinge monopole tower	12m Stainton/Valmont monopole mast, includes: galvanised base hinged mast in three sections; baseplate; foundation bolts; baseplate nuts & bolts; removable ginpole; 7m ginpole sling; shackles. Does not include template as mast base can be used.	£2,500.00 *
A60 M15-GP	15m hinge monopole tower	15m Stainton/Valmont monopole mast, includes: galvanised base hinged mast in three sections; baseplate; foundation bolts; baseplate nuts & bolts; removable ginpole; 9m ginpole sling; shackles. Does not include template as mast base can be used.	£4,000.00 *
A60 M18-LT	18m-60' lattice tower	60' (18m) Rohn self-supporting lattice tower. Includes 9' stub tower for Ampair 600, anchor bolts and templates, step bolt climbing facility, foundation designs for normal soil. Does not include optional extras. Note US \$ price ex works IL.	\$5,390.00 *
A60 M24-LT	24m-80' lattice tower	80' (24m) Rohn self-supporting lattice tower. Includes 9' stub tower for Ampair 600, anchor bolts and templates, step bolt climbing facility, foundation designs for normal soil. Does not include optional extras. Note US \$ price ex works IL.	\$6,490.00 *
A60 M30-LT	30m-100' lattice tower	100' (30m) Rohn self-supporting lattice tower. Includes 9' stub tower for Ampair 600, anchor bolts and templates, step bolt climbing facility, foundation designs for normal soil. Does not include optional extras. Note US \$ price ex works IL.	\$8,140.00 *
A60 M36-LT	36m-120' lattice tower	120' (36m) Rohn self-supporting lattice tower. Includes 9' stub tower for Ampair 600, anchor bolts and templates, step bolt climbing facility, foundation designs for normal soil. Does not include optional extras. Note US \$ price ex works IL.	\$9,900.00 *
A60 M12-UF	12m unhinged, flanged	12m hub height Stainton/Valmont low cost unhinged monopole mast, includes: flanged galvanised mast in sections; foundation bolts & nuts.	£1,600.00 *
A60 M12-UR	12m unhinged, rooted	12m hub height Stainton/Valmont low cost unhinged monopole mast, includes: rooted galvanised mast in sections.	£1,500.00 *
optional or installer accessories (not normally required)			
POA	lightning kit	additional lightning protection system, requires individual design (standard system includes common lightning earths)	POA
A60-M99-1	bow shackle, 3.2t	bow shackle with pin, 3.2t SWL	£19.00
A60-M99-2	sling 7m x 3.2t	7m x 3.2t SWL SWR ginpole sling	£150.00
A60-M99-3	sling 9m x 3.2t	9m x 3.2t SWL SWR ginpole sling	£165.00
A60-M99-4	10m template	Reusable steel stemplate for Stainton/Valmont 10m mast foundation	£80.00
A60-M99-5	12m template	Reusable steel stemplate for Stainton/Valmont 12m mast foundation	£80.00
A60-M99-6	15m template	Reusable steel stemplate for Stainton/Valmont 15m mast foundation	£80.00
A60-M99-7	10m foundation bolt set	10m mast base foundation bolt set (4 x M30 rebar anchor bolts c/w 12 x M30 nuts)	£142.00
A60-M99-8	12m foundation bolt set	12m mast base foundation bolt set (8 x M24 rebar anchor bolts c/w 24 x M24 nuts)	£142.00
A60-M99-9	15m foundation bolt set	15m mast base foundation bolt set (12 x M24 rebar anchor bolts c/w 36 x M24 nuts)	£213.00
A60-M99-10	power supply	Power supply to run inverter (for programming when there is no wind)	£200.00
A00 GRIP 3.2	griphoist, 3.2t	Griphoist (SWL 3.2t) with 30m steel wire rope (SWR)	£1,500.00
spares			
A60 SP 01	Turbine blades	Turbine blades - set of 3 x 5.5m diameter	£1,700.00
.SCR M10-12x80-14SS	Hub bolt	Hub cap bolt (stainless steel socket cap shoulder bolt that hold the blades in the hub)	£25.00

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Ampair® is a business of Boost Energy Systems Ltd, manufacturers of small scale power systems since 1957.
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Ampair price list

1 November 2009

AMPAIR 600 WIND GENERATOR & ACCESSORIES

	Model	Name	Description	Price
generators	A06 1024	Ampair 600-24	Ampair 600 Watt, 24 Volt; marine grade; white (excludes regulator A06 RG VW-50)	£1,599.00
	A06 1048	Ampair 600-48	Ampair 600 Watt, 48 Volt; marine grade; white (excludes regulator A06 RG VW-50)	£1,599.00
	A06 20230	Ampair 600-230	Ampair 600 Watt, 230 Volt ; marine grade; white (includes interconnect unit & G83 grid tie inverter)	£2,999.00
regulators and inverters	A00 RG VW-50	Regulator VW-50	Ampair VW-50 regulator, 50 Amps x 24V, 48V, (includes regulator, rectifier, dump load, stop switch, fuses, meter, RS-232 ports, wind input, reverse polarity protection)	£485.00
	A06 IC 700	Grid connect set	Ampair IC 700 interconnect unit with stop switch, isolation, overloads; G83 inverter; and 2 x 1m connection cables; complies with G83/1	in A06 20230
mounting systems (marine)	A03 MO 33	Stern Mount	Ampair / Scanstrut Stern Mount Kit (2.5m free standing c/w stainless steel struts; places A600 blade tips 1.8m above deck height)	£620.40
	A03 MO 35	Waterproof Deck Plug & Socket	Waterproof Deck Plug & Socket	£88.00
mounting systems (land)	A00 MO 40	DIY adaptor, 48mm	DIY Adaptor - pivot shaft to 48 OD x 41 ID (1.5" #40)	£23.00
	A00 MO 43-2.0	DIY adaptor, 60mm	DIY Adaptor - pivot shaft to 60 OD x 52 ID (2" #40)	£46.00
	A00 MO 43-2.5	DIY adaptor, 73mm	DIY Adaptor - pivot shaft to 73 OD x 63 ID (2.5" #40)	£46.00
	A00 MO 43-3G	DIY adaptor, 76mm	DIY Adaptor - pivot shaft to 76 OD x 66 ID	£46.00
	A00 MO 43-3.0	DIY adaptor, 89mm	DIY Adaptor - pivot shaft to 89 OD x 78 ID (3.0" #40)	£46.00
	A00 MO 43-3.5	DIY adaptor, 102mm	DIY Adaptor - pivot shaft to 102 OD x 90 ID (3.5" #40)	£46.00
	A06 M00	Wall mount kit	BWM: brick wall mount kit (3 galvanised brackets; 5m x 3" galvanised pole; AV sleeves; adaptors; no fixings)	£388.31 *
	A06 M10	Steel frame mount	SFM: Steel frame mount kit (3 galvanised brackets; 5m x 3" galvanised pole; AV sleeves; adaptors; no fixings)	£388.31 *
	A06 M10-R	Steel frame mount - right angle	SFM-R: Steel frame mount kit (as per SFM above, but suits steel frame buildings with web parallel to cladding)	£388.31 *
	A06 M20	Non penetrating roof mount	NPRM: Non penetrating flat roof mount (3m x3m galvanised trays; 5m x 3.5" galvanised pole; AV clamps; turbine adaptor; no slabs or sheeting)	£1,160.48 *
A06 M50-10-F-LD	10m tilt up mast (flanged)	TUM-F: 10m free standing galvanised steel mast (mid- hinged, flanged; inc foundation bolts)	£1,050.00 *	
A06 M50-10-R-LD	10m tilt up mast (rooted)	TUM-R: 10m free standing galvanised steel mast (mid- hinged, rooted)	£978.82 *	
A06 M60-00	Pole mount kit	WPM: Wooden pole adaptor kit (2.5m x 3" galvanised pole; 2 AV clamps; turbine adaptor; fixings)	£222.12 *	
short term spares	A00 SP 30	Pivot seal	Pivot Seal	£5.00
	A03 SP 11	Brush set	Brush Set	£24.00
	A06 SP 12	Turbine blades	Turbine Blades - Set of 3	£350.00
long term spares	A00 SP 31	Pivot bearing set	Pivot bearing set (upper & lower bearing, O-ring, spiral lock ring)	£20.00
	A36 SP 21	Hub cap screw	Hub cap screw (this special high tensile screw must be used)	£23.76
distributor support	A06 M80-01	Test & display stand	Test & display stand	£95.00
	A06 M80-02	Test pieces	Installation accessories – hub test bolt, 10m test lead, ;	£55.00

GENERAL ACCESSORIES FOR ALL MODELS

FUS HLDR	Fuseholder	Fuseholder (suits max 30A x 500V) 38mm x 10mm (1- 1/2" x 13/32")	£16.95
FUS 04A	Fuse, 4A	4A x 500V fuse	£1.44
FUS 10A	Fuse, 10A	10A x 500V fuse	£1.44
FUS 16A	Fuse, 16A	16A x 500V fuse	£1.44
FUS 20A	Fuse, 20A	20A x 500V fuse	£1.50
FUS 32A	Fuse, 32A	32A x 500V fuse	£1.44
.WRP 1x04.0 PVC	1 x 4mm2 cable	1 x 4mm2 cable (IC-700 to WB-700)	£2.40
.WRP 2x01.5 T	2 x 1.5mm2 cable	2 x 1.5m2 tinned marine grade arctic cable	£2.25
.WRP 3x02.5 T	3 x 2.5mm2 cable	3 x 1.5m2 tinned marine grade arctic cable	£4.65
.WRP 4x01.5 T	4 x 1.5mm2 cable	4 x 1.5m2 tinned marine grade arctic cable	£2.91
A00 SP 34	In line connector pair	Four pin in-line slim connector male & female (suits 600W; 300W; 100W generators); splashproof when assembled; fits inside 2" tube	£21.90

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AMPAIR 300 WIND GENERATOR & ACCESSORIES

AMPAIR 300 WIND POWERED GENERATORS			
A03 1012	Ampair 300 Watt, 12 Volt Marine - White - must be used with Ampair regulator & rectifier	£	1,223.00
A03 1024	Ampair 300 Watt, 24 Volt Marine - White - must be used with Ampair regulator & rectifier	£	1,223.00
A03 1048	Ampair 300 Watt, 48 Volt Marine - White - must be used with Ampair regulator & rectifier	£	1,223.00
REGULATORS & PARKING SWITCHES			
A00 RG VS-50	Ampair VS-50 regulator, 50 Amps x 12V, 24V, 48V, (includes regulator, rectifier, wind & solar inputs, reverse polarity protection, dump loads, stop switch)	£	404.00
MOUNTING OPTIONS - Ampair 300 only			
A03 MO 30	Gantry Mount (550mm powder coated aluminium pole c/w flange)	£	66.70
A03 MO 31	Gantry Mount (550mm stainless steel pole c/w flange)	£	121.90
A03 MO 33	Ampair / Scanstrut Stern Mount Kit (free standing c/w stainless steel struts, places blade tips 2.1m above deck)	£	620.40
A03 MO 34	Mizzen Bracket	£	172.50
A03 MO 35	Waterproof Deck Plug & Socket	£	63.25
MOUNTING OPTIONS - common with Ampair 100			
A00 MO 44	DIY Pole - 1200mm. x 48mm. OD (drilled to suit Pivot Shaft)	£	42.90
A00 MO 46	DIY Pole - 2400mm. x 48mm. OD (drilled to suit Pivot Shaft)	£	57.20
A00 MO 47	Extension for Pacific 100 Stern & Gantry Mount to suit Pacific 300	£	51.70
A00 MO 40	DIY Adaptor - pivot shaft to 48 OD x 41 ID (1.5" #40)	£	23.00
RECOMMENDED SHORT TERM SPARES			
A00 SP 30	Pivot Seal	£	5.50
A03 SP 11	Brush Set	£	24.00
A03 SP 12	Turbine Blades - Set of 3	£	290.00
RECOMMENDED LONG TERM SPARES			
A00 SP 31	Pivot bearing set (upper & lower bearing, O-ring, spiral lock ring)	£	20.00
A36 SP 21	Hub cap screw	£	23.76
A03 SP 22	Rectifier Assembly & Heatsink (suitable as emergency spare in case of regulator failure)	£	31.05

AMPAIR 100 WIND GENERATOR & ACCESSORIES

AMPAIR 100 WIND POWERED GENERATORS			
A01 1012	Ampair 100 Watt, 12 Volt - Marine Version (white)	£	692.00
A01 1024	Ampair 100 Watt, 24 Volt - Marine Version (white)	£	692.00
A01 1048	Ampair 100 Watt, 48 Volt - Marine Version (white)	£	692.00
REGULATORS			
A00 RG S1B-12	Regulator, 12v, 100 Watt - Single Battery	£	102.71
A00 RG S1B-24	Regulator, 24v, 100 Watt - Single Battery	£	104.44
A00 RG S1B-48	Regulator, 48v, 100 Watt - Single Battery	£	109.00
A00 RG S3B-12	Regulator, 12v, 100 Watt - Triple Battery	£	124.20
A00 RG S3B-24	Regulator, 24v, 100 Watt - Triple Battery	£	141.90
A00 RG D1B-12	Regulator, 12v, 2x100 Watt - Single Battery	£	136.91
A00 RG D1B-24	Regulator, 24v, 2x100 Watt - Single Battery	£	150.97
MOUNTING OPTIONS			
A01 MO 30	Gantry Mount Kit	£	57.20
A01 MO 31	Stern Mount Kit	£	218.40
A01 MO 32	Mizzen Bracket	£	133.10
A00 MO 42	DIY Pole - 800mm. x 48mm OD (drilled to suit Pivot Shaft)	£	30.80
A00 MO 44	DIY Pole - 1200mm. x 48mm. OD (drilled to suit Pivot Shaft)	£	42.90
A00 MO 46	DIY Pole - 2400mm. x 48mm. OD (drilled to suit Pivot Shaft)	£	57.20
A00 MO 40	DIY Adaptor - pivot shaft to 48 OD x 41 ID (1.5" #40)	£	23.00
A00 MO 41	Pre-2001 To 2001 & Onwards Pivot Adaptor	£	29.15
RECOMMENDED SHORT TERM SPARES			
A00 SP 30	Pivot Seal	£	5.50
A01 SP 11	Shaft Seal	£	5.50
A01 SP 12	Brush Set	£	8.40
A01 SP 13	Turbine Blades - Matched Set of 2 (before 2001)	£	28.60
A01 SP 14	Turbine Blades Matched Set of 2 (2001 onwards)	£	28.60
RECOMMENDED LONG TERM SPARES			
A01 SP 21	Spares Kit - Shaft Fasteners, Nyloc L/H, S/S Washer, Dowel Pin	£	8.25
A01 SP 22	Rectifier Assembly	£	14.85
A01 SP 24	Shaft Bearings (set of 2)	£	12.65
A01 SP 07	Hub Extractor (before 2001)	£	9.90
A01 SP 26	Hub Extractor (2001 onwards)	£	9.90
A00 SP 31	Pivot bearing set 2001 onwards (upper & lower bearing, O-ring, spiral lock ring)	£	20.00
A01 SP 08	Pivot bearing set before 2001 (upper & lower bearing, O-ring, spiral lock ring)	£	20.00

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AQUAIR 100 WIND / WATER GENERATOR & ACCESSORIES

AQUAIR 100 BASE GENERATORS (water mode only)			
Q01 1012	Aquair 100 Watt, 12 Volt Generator - Standard Pitch Towed Propellor	£	748.00
Q01 1024	Aquair 100 Watt, 24 Volt Generator - Standard Pitch Towed Propellor	£	748.00
Q01 1048	Aquair 100 Watt, 48 Volt Generator - Standard Pitch Towed Propellor	£	748.00
<i>for coarse pitch unit buy a spare coarse pitch propellor and keep the standard propellor for reserve</i>			
REGULATORS			
A00 RG S1B-12	Regulator, 12v, 100 Watt Single Battery	£	102.71
A00 RG S1B-24	Regulator, 24v, 100 Watt Single Battery	£	104.44
A00 RG S1B-48	Regulator, 48v, 100 Watt - Single Battery	£	109.00
A00 RG S3B-12	Regulator, 12v, 100 Watt Triple Battery	£	124.20
A00 RG S3B-24	Regulator, 24v, 100 Watt Triple Battery	£	141.90
A00 RG D1B-12	Regulator, 12v, 2x100 Watt Single Battery	£	136.91
A00 RG D1B-24	Regulator, 24v, 2x100 Watt Single Battery	£	150.97
WIND CONVERSION KITS			
Q01 WI 46	Aquair 100 Wind Hoist Kit (comprises wind conversion kit & hoist in rigging fittings)	£	202.50
Q01 WI 48	Pole Mounting Kit Complete - (comprises 800mm. pole, adaptor, and wind conversion kit)	£	216.60
MOUNTING OPTIONS			
Q01 WI 50	Pole Mount - (comprises 800mm pole & adaptor - no wind turbine)	£	63.80
Q01 WI 51	Pole Mount Adaptor - (no pole)	£	37.40
Q01 MO 40	Stern Deck Mount (for base generator)	£	191.40
A00 SP 32	Waterproof Deck Plug & Socket - (to suit all 100 Watt generators)	£	17.60
A00 SP 33	Waterproof Deck Gland (to suit cable for all 100 Watt generators)	£	16.50
RECOMMENDED SHORT TERM SPARES			
Q01 SP 11	Standard pitch towed turbine (2 bladed) for 7 knots or less	£	103.20
Q01 SP 12	Coarse pitch towed turbine (2 bladed) for 8 knots or more	£	103.20
Q01 SP 13	Wind turbine blades - Matched Set of 2	£	28.60
Q01 SP 14	Pivot Set	£	8.80
Q01 SP 15	Shaft Connector	£	7.70
Q01 SP 16	Shaft Seal	£	5.50
RECOMMENDED LONG TERM SPARES			
Q01 SP 21	Tow Rope - 30 Metres	£	67.10
Q01 SP 22	Shaft Bearing - Set of 2	£	12.65
Q01 SP 23	Rectifier Assembly	£	11.55

UNDERWATER 100 GENERATOR & ACCESSORIES

UNDERWATER 100 WATER POWERED GENERATORS			
W01 1012	Underwater 100 Watt, 12 Volt - Standard Shrouded Propellor - Clockwise	£	716.00
W01 1024	Underwater 100 Watt, 24 Volt - Standard Shrouded Propellor - Clockwise	£	716.00
W01 1048	Underwater 100 Watt, 48 Volt - Standard Shrouded Propellor - Clockwise	£	716.00
<i>for low RPM unit buy a spare low RPM propellor and keep the standard shrouded propellor for reserve</i>			
<i>for anticlockwise unit buy a spare anticlockwise propellor and keep the standard shrouded propellor for reserve</i>			
REGULATORS			
A00 RG S1B-12	Regulator, 12v, 100 Watt Single Battery	£	102.71
A00 RG S1B-24	Regulator, 24v, 100 Watt Single Battery	£	104.44
A00 RG S1B-48	Regulator, 48v, 100 Watt - Single Battery	£	109.00
A00 RG S3B-12	Regulator, 12v, 100 Watt Triple Battery	£	124.20
A00 RG S3B-24	Regulator, 24v, 100 Watt Triple Battery	£	141.90
A00 RG D1B-12	Regulator, 12v, 2x100 Watt Single Battery	£	136.91
A00 RG D1B-24	Regulator, 24v, 2x100 Watt Single Battery	£	150.97
MOUNTING OPTIONS			
W01 MO 12	Mounting Pole - 1.2 m	£	98.00
W01 MO 27	Aluminium Mounting Pole Clamps - Pair (50mm)	£	41.25
RECOMMENDED SPARES & ACCESSORIES			
W01 SP 22	Spare Propellor - Standard Shrouded - anti clockwise (normal flow situations)	£	127.50
W01 SP 23	Spare Propellor - Low RPM - clockwise (fast flow situations)	£	120.75
W01 SP 24	Spare Propellor - Standard Shrouded - clockwise (normal flow situations)	£	127.50
W01 SP 29	Propeller Guard - Stainless Steel	£	163.30
W01 SP 11	Shaft Seal - Stainless Steel & Cover	£	8.25
W01 SP 12	Spare Rectifier Assembly & Heat Sink	£	29.70

GENERAL ACCESSORIES FOR ALL MODELS

Wind & Ammeters			
WI WDTC-2	Windtronic Pocket Anemometer	£	49.00
ME AMM-01	lowcost moving coil ammeter	£	13.00
ME AMM-03	lowcost moving coil ammeter	£	13.00
ME AMM-05	Ammeter for all 100 Watt 24 Volt Generators	£	15.40
ME AMM-10	Ammeter for all 100 Watt 12 Volt Generators	£	15.40
ME AMM-15	Ammeter for Ampair 300 24 Volt Generators	£	28.60
ME AMM-30	Ammeter for Ampair 300 12 Volt Generators	£	28.60
ME VOL-24	Panel meter, 0-30V	£	56.00
ME VOL-48	Panel meter, 0-60V	£	56.00

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