

Retail Price List

Sinewave Inverter/Chargers

Part #	Description	Retail Price US Dollars
Off-Grid and Backup Applications – Recommended for use with AC generators or utility grid		
Sealed, 60 amp AC input, 120 VAC/60 Hz (Turbo included)		
FX2012T	2000 W, 12 VDC, 100 A charger	\$1,995
FX2524T	2500 W, 24 VDC, 55 A charger	1,995
FX3048T	3000 W, 48 VDC, 35 A charger	1,995
Vented, 60 amp AC input, 120 VAC/60 Hz (DC cover included)		
VFX2812	2800 W, 12 VDC, 125 A charger	\$2,345
VFX3524	3500 W, 24 VDC, 85 A charger	2,345
VFX3648	3600 W, 48 VDC, 45 A charger	2,345
Grid-Interactive Applications – Not recommended for use with AC generators		
Sealed, 60 amp AC input, 120 VAC/60 Hz (Turbo included)		
GTFX2524	2500 W, 24 VDC, 55 A charger	\$1,995
GTFX3048	3000 W, 48 VDC, 35 A charger	1,995
Vented, 60 amp AC input, 120 VAC/60 Hz (DC cover included)		
GVFX3524	3500 W, 24 VDC, 85 A charger	\$2,345
GVFX3648	3600 W, 48 VDC, 45 A charger	2,345
Mobile Applications – Includes built-in AC neutral/ground switching system		
Sealed, 30 amp AC input, 120 VAC/60 Hz (Turbo included)		
FX2012MT	2000 W, 12 VDC, 100 A charger	\$1,995
FX2524MT	2500 W, 24 VDC, 55 A charger	1,995
FX2532MT	2500 W, 32 VDC, 35 A charger	1,995
Sealed, 30 amp AC input, 120 VAC/60 Hz (No turbo included)		
FX2012M	1700 W, 12 VDC, 100 A charger	\$1,895
FX2524M	2000 W, 24 VDC, 55 A charger	1,895
FX2532M	2000 W, 32 VDC, 35 A charger	1,895
Vented, 30 amp AC input, 120 VAC/60 Hz (DC cover included)		
VFX2812M	2800 W, 12 VDC, 125 A charger	\$2,345
VFX3524M	3500 W, 24 VDC, 85 A charger	2,345
VFX3232M	3200 W, 32 VDC, 45 A charger	2,345
European/Export Off-Grid and Backup Applications		
Sealed, 30 amp AC input, 230 VAC/50 Hz (Turbo included)		
FX2012ET	2000 W, 12 VDC, 100 A charger	\$1,995
FX2024ET	2000 W, 24 VDC, 55 A charger	1,995
FX2348ET	2300 W, 48 VDC, 35 A charger	1,995
Vented, 30 amp AC input, 230 VAC/50 Hz (DC cover included)		
VFX2612E	2600 W, 12 VDC, 125 A charger	\$2,345
VFX3024E	3000 W, 24 VDC, 85 A charger	2,345
VFX3048E	3000 W, 48 VDC, 45 A charger	2,345



FX Sealed
Inverter/Charger



VFX Vented
Inverter/Charger

Part #	Description	Retail Price US Dollars
MPPT Charge Controller – 60 amp output, 12 to 60 VDC battery systems		
MX60	Standard English language display version	\$649
MX60-ES	Spanish language display version	649
Systems Display and Controller		
MATE	Universal version, Gray oval housing with RS232 serial port	\$295
MATE2	Universal version, Black square housing with RS232 serial port	295
MATE2M	Mobile version, Black square housing without RS232	219
Communication Manager		
HUB4	Four Port, Up to 4 FX, VFX and/or MX and one MATE	\$195
HUB10	Ten Port, Up to 10 FX, VFX and/or MX and one MATE	375
Remote Temperature Sensor		
RTS	For use with FX, VFX or MX60 (Includes 15' (5 meter) cable)	\$29
Auto Transformer – For use with 120/240 VAC 60 Hz applications only		
PSX-240	6kVA rated with enclosure and cooling fan (Includes two pole 25 amp AC breaker)	\$390
Grid-Interactive System – Includes 5 year warranty		
PS1-3000	Vented 3000 W Inverter/Charger with MPPT, Prewired	\$4795
PS1-2500	Sealed 2500 W Inverter/Charger with MPPT, Prewired	4795
PS1-BE	Battery Enclosure with battery & inverter cables (Batteries not included)	599



MX60



MATE



MATE2

System Accessories

Part #	Description	Retail Price US Dollars
PS2AC Breaker Panel – For one or two inverters, includes pre-cut AC wiring kit		
<i>Two inverter input/output/bypass assembly with enclosure</i>		
PS2AC-50D	50 amp, 120/240 VAC 60 Hz	\$385
<i>Enclosure only, order breakers separately</i>		
PS2AC	No wiring kit, no breakers included	266
<i>Export, two inverter input/output/bypass assembly with enclosure</i>		
PS2AC-50DE	50 amp, 230 VAC 50 Hz	449
PS2AC-30DE	30 amp, 230 VAC 50 Hz	415
PS2DC Breaker Panel – For one or two inverters and up to two MX60 controllers		
<i>Enclosure includes 500 amp shunt, TBB-R and Breaker-Bus</i>		
PS2DC-250	Enclosure with one 250 amp DC breaker	\$385
PS2DC-175	Enclosure with one 175 amp DC breaker	385
<i>Enclosure only, order breakers separately</i>		
PS2DC	Enclosure with DC shunt, no breakers included	266
PS4AC Breaker Panel – For up to four inverters, includes pre-cut AC wiring kit		
<i>Four inverter input/output/bypass assembly with enclosure</i>		
PS4AC-100Q	100 amp, 120/240 VAC 60 Hz	\$799
PS4AC-60Q	60 amp, 120/240 VAC 60 Hz	649
<i>Three inverter input/output/bypass assembly with enclosure</i>		
PS4AC-50-3PH	50 amp, 120/208 VAC 60 Hz, 3-phase	699
<i>Enclosure only, order breakers separately</i>		
PS4AC	No wiring kit, no breakers included	399
<i>Export</i>		
PS4AC-60QE	60 amp, 230 VAC 50 Hz	649
PS4AC-30E-3PH	30 amp, 230/400 VAC 50 Hz, 3-phase	699
PS4DC Breaker Panel – For up to four inverters and up to five MX60 controllers		
<i>Enclosure includes 500 amp shunt, TBB-R and 3 Breaker-Bus and 2 Shunt-Bus</i>		
PS4DC-250	One 250 amp DC breaker	\$599
PS4DC-175	One 175 amp DC breaker	599
<i>Enclosure only, order breakers separately</i>		
PS4DC	Enclosure with DC shunt, no DC breakers	480
Mounting Plates – Allows easier assembly of the system either on site or in your shop		
PS2MP	PS2DC / PS2AC based systems (One or two inverter system)	\$129
PS4MP	PS4DC / PS4AC based systems (Up to four inverter system)	179



HUB



PSX-240



PS2



PS4

System Components

Part #	Description	Retail Price US Dollars
OutBack AC Breakers – DIN rail mount with set-screw compression terminals		
OBAC-50	50 amp, 120 VAC 60 Hz, Single pole, 0.5" (13 mm) wide	\$15
OBAC-50D	50 amp, 120/240 VAC 60 Hz, Dual pole, 1.0" (26 mm) wide	35
OBAC-50-3T	50 amp, 120/208 VAC 60 Hz, Three pole, 1.5" (39 mm) wide	85
OBAC-30	30 amp, 120 VAC 60 Hz, Single pole, 0.5" (13 mm) wide	15
OBAC-30D	30 amp, 120/240 VAC 60 Hz, Dual pole, 1.0" (26 mm) wide	35
OBAC-20	20 amp, 120 VAC 60 Hz, Single pole, 0.50" (13 mm) wide	15
OBAC-20D	20 amp, 120/240 VAC 60 Hz, Dual pole, 1.0" (26 mm) wide	35
OBAC-15	15 amp, 120 VAC 60 Hz, Single pole, 0.50" (13 mm) wide	15
OBAC-15D	15 amp, 120/240 VAC 60 Hz, Dual pole, 1.0" (26 mm) wide	35
<i>Export Breakers</i>		
OBAC-30TE	30 amp, 230/400 VAC 50/60 Hz, Triple pole, 0.5" (13 mm) wide	85
OBAC-30DE	30 amp, 230/400 VAC 50/60 Hz, Dual pole, 0.5" (13 mm) wide	36
OBAC-30E	30 amp, 230 VAC 50/60 Hz, Single pole, 0.5" (13 mm) wide	18
OBAC-20E	20 amp, 230 VAC 50/60 Hz, Single pole, 0.5" (13 mm) wide	18
OBAC-10E	10 amp, 230 VAC 50/60 Hz, Single pole, 0.5" (13 mm) wide	18
AC Breakers Square D QOU – Fits in the PS4AC enclosure only, does not work with PS2AC		
AC-100D	100 amp, 120/240 VAC 60 Hz, Dual pole, 1.5" (39 mm) wide	\$129
AC-60	60 amp, 120 VAC, 0.75" (19 mm) wide	25
AC-60D	60 amp, 120/240 VAC, Dual pole, 1.5" (39 mm) wide	50
OutBack DC Breakers – Front panel mount with stud terminals on the back		
OBDC-250	250 amp, 125 VDC, 3/8" stud, 1.5" (39 mm) wide	\$119
OBDC-175	175 amp, 125 VDC, 3/8" stud, 1.5" (39 mm) wide	119
OBDC-125	125 amp, 125 VDC, 5/16" stud, 1.0" (26 mm) wide	59
OBDC-100	100 amp, 125 VDC, 5/16" stud, 1.0" (26 mm) wide	59
OBDC-80	80 amp, 150 VDC, 5/16" stud, 0.75" (19 mm) wide	29
OBDC-70	70 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	29
OBDC-60	60 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	29
OBDC-50	50 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	29
OBDC-40	40 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	29
OBDC-30	30 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	25
OBDC-20	20 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	25
OBDC-15	15 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	25
OBDC-10	10 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	25
OBDC-5	5 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	25
OBDC-1	1 amp, 150 VDC, 1/4" stud, 0.75" (19 mm) wide	25
OutBack PV Ground Fault Protection		
<i>Also can function as the battery side breaker for 1 or 2 MX60s</i>		
OBDC-GFP/2	80 amp, 150 VDC, Dual pole, Uses three small breaker spaces	\$129
Auto Transformer – Does not include enclosure, for mounting in PS2AC or PS4AC		
X-240	4kVA rated, 120/240 VAC 60 Hz <i>(Includes Dual pole 25 amp OBAC breaker)</i>	\$290
X-Fan Kit	Fan 120 VAC 60 Hz, increases X-240 rating to 6kW AC	29
Terminal and Ground Bus Bars – For additional AC or DC wiring requirements		
GBB	Ground terminal bus bar with mounting screws <i>(No insulators)</i>	\$15
TBB	Bus bar with black insulators, use as L1 hot or DC negative	19
TBB-B	Bus bar with blue insulators, use as Phase C on three phase systems	19
TBB-R	Bus bar with red insulators, use as L2 hot or DC positive	19
TBB-W	Bus bar with white insulators, use as AC neutral or DC negative	19
Conduit Adapters – Required to allow connection to the PS2 and PS4 enclosures		
ACA	AC adapter for FX and VFX inverterchargers	\$35
DCA	DC adapter for FX and VFX inverterchargers	45
Mounting Brackets – Allows mounting of MX60 on right side of PS2DC or PS4DC		
PS2-CCB	Bracket for PS2DC enclosure, holds one MX60s	\$29
PS2-CCB2	Bracket for PS2DC enclosure, holds two MX60s	49
PS4-CCB2	Bracket for PS4DC enclosure, holds two MX60s	49



OutBack AC Breakers



OutBack DC Breakers



OutBack PV Ground Fault Protection



X-240



Terminal and Ground Bus Bars

System Components

Part #	Description	Retail Price US Dollars
PV Combiner Box		
PSPV	Holds up to twelve OBPV breakers or eight OBFH fuse holders Includes one TBB and two bus bars with 1/0 AWG output terminals <i>(Breakers, fuse holders and fuses sold separately)</i>	\$139
PV Array Breakers – DIN rail mount with set-screw compression terminals <i>(Two Maximum)</i>		
OBPV-1	1 amp, 150 VDC, 0.5" (13 mm) wide	\$12
OBPV-2	2 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-4	4 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-5	5 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-6	6 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-8	8 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-9	9 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-10	10 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-15	15 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-20	20 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-30	30 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-50	50 amp, 150 VDC, 0.5" (13 mm) wide	12
OBPV-60	60 amp, 150 VDC, 0.5" (13 mm) wide	12
PV Array Fuses and Fuse Holders – <i>(Eight Maximum)</i>		
OBFH	Fuse holder 30 amp maximum, 600 VDC, DIN rail mount	\$18
OBF-6	Fuse 6 amp, 600 VDC	18
OBF-10	Fuse 10 amp, 600 VDC	18
OBF-15	Fuse 15 amp, 600 VDC	18



PSPV Combiner Box

Miscellaneous

Part #	Description	Retail Price US Dollars
Bus Connectors – <i>Makes wiring your OutBack system easier and faster</i>		
Shunt-Bus	DC Shunt Bus allows up to four high current cable connections on same side of a DC shunt, 1000 A rated brass and 3/8" bolts for cable ring terminals <i>(Two included standard with PS4DC)</i>	\$29
Breaker-Bus	DC Breaker Bus allows connection of two 175/250A or three 100A DC breakers, 500 A rated copper plate <i>(One included standard with PS2DC / three with PS4DC)</i>	19
Comb-Bus	Combiner Bus connects up to eight OBPV/OBAC breakers or four OBFH together, 120 A rated copper plate - includes 1/0 AWG box lug <i>(Two included standard with PSPV)</i>	19
Big-Bus	Metal plate with plastic insulators and bolt connections to manage multiple cable connections	75
Communication Cables		
OBCATV-3	3' (1 meter) 300 volt rated CAT 5e cable	\$5
OBCATV-6	6' (2 meter) 300 volt rated CAT 5e cable	8
OBCATV-50	50' (16 meter) 300 volt rated CAT 5e cable	25
OutBack Heatshrink		
OBHS-R	Red battery cable heatshrink with OutBack logo - pack of 12	\$8
OBHS-B	Black battery cable heatshrink with OutBack logo - pack of 12	8
Stud Mount Fuses – <i>For basic overcurrent protection, mounts on DC positive terminal on FX or VFX</i>		
OBSM-100	100 amp, special Cap Nut – requires a 10 mm hole in ring terminal	\$10
OBSM-175	175 amp, special Cap Nut – requires a 10 mm hole in ring terminal	10
OBSM-250	250 amp, special Cap Nut – requires a 10 mm hole in ring terminal	10
Spare Inverter Boards		
FX-CNTRL	FX/VFX Control Board, must specify inverter model when ordering	\$300
FX-FET	FX/VFX FET Board, must specify inverter model when ordering	600
FX-AC	FX/VFX AC Board, must specify inverter model when ordering	300
Display Products		
MX60 Display	MPPT Controller display unit <i>(Does not function)</i>	\$200
Mate Display	Mate System Controller display unit <i>(Does not function)</i>	150
FX Display	FX Sealed Inverter/Charger display unit <i>(Does not function)</i>	400
VFX Display	FX Vented Inverter/Charger display unit <i>(Does not function)</i>	400



OutBack PV Array Breakers



OutBack PV Array Fuses and
OutBack Fuse Holders

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