

2019 Solar Builder Inverter Buyer's Guide Full Spec Sheet

APsystems	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
YC500A	5.5 lbs/2.5kg	16 V - 52 V	500 W	2	95.5	95	ingle ph 240 / 208 3p	6
YC500i	5.5 lbs/2.5kg	16 V - 52 V	548 W	2	95.5	95	ingle ph 240 / 208 3p	6
YC600	7.1 lbs/3.22kg	16 V - 55 V	600 W	2	96.7	96.5	ingle ph 240 / 208 3p	6
YC1000-3-208	8.4 lbs/3.8kg	16 V - 55 V	900 W	4	95	94.5	208 3ph	6
YC1000-3-480	8.4 lbs/3.8kg	16 V - 55 V	900 W	4	95	94.5	480 3ph	6
QS1	9.9 lbs	16-55Vdc	1200W	4	96.5	96.5	ingle (240) / Three (2C	6

r: Standard 10-year warranty; optional 15-year extension

Enphase Energy	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency (208 Vac / 240 Vac)	CEC (208 Vac / 240 Vac)	Phase	NEMA rating
Enphase IQ 6	3.3 lbs	16 V - 48 V	240 VA	1	97.0% / 97.5%	96.5% / 97.0%	Both	6
Enphase IQ 6+	3.3 lbs	16 V - 62 V	290 VA	1	97.0% / 97.5%	96.5% / 97.0%	Both	6
Enphase IQ 7	2.38 lbs	16 V - 48 V	250 VA	1	97.5% / 97.5%	97.0% / 97.0%	Both	6
Enphase IQ 7+	2.38 lbs	16 V - 60 V	295 VA	1	97.0% / 97.5%	96.5% / 97.0%	Both	6
Enphase IQ 7X	2.38 lbs	25 V - 80 V	320 VA	1	97.0% / 97.5%	96.5% / 97.0%	Both	6

ABB	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC (208 240)	Phase	NEMA rating
UNO DM Plus-US 3.3	33 lbs	140-580Vdc	3.3kW	2	97%	96.5% 96.5%	Single	4X
UNO DM Plus-US 3.8	33 lbs	140-580Vdc	3.8kW	2	97%	96% 96.5%	Single	4X
UNO DM Plus-US 4.6	33 lbs	140-580Vdc	4.6kW	2	97%	96% 96.5%	Single	4X
UNO DM Plus-US 5.0	33 lbs	140-580Vdc	5.0kW	2	97.40%	96.5% 97.0%	Single	4X
UNO DM Plus-US 6.0	47 lbs	140-580Vdc	6.0kW	2	97.40%	96.5% 97%	Single	4X
TRIO 60-TM	209 lbs	360-950 Vdc	60kW	3	98.50%	98%	three phase	4X

Warranty Terms: 10-years

CPS America	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
CPS SC14KTL-DO/US-208	141lbs	180 - 580Vdc	14kW	2	Max 96.7%	CEC 96.0%	3 Phase, 480Vac	NEMA 3R
CPS SCA23KTL-DO/US-480	122lbs	240 - 950Vdc	23kW	2	Max 98.6%	CEC 98.0%	3 Phase, 480Vac	NEMA 4X
CPS SCA28KTL-DO/US-480	122lbs	240 - 950Vdc	28kW	2	Max 98.5%	CEC 98.0%	3 Phase, 480Vac	NEMA 4X
CPS SCA36KTL-DO/US-480	145lbs	240 - 950Vdc	36kW	2	Max 98.5%	CEC 98.0%	3 Phase, 480Vac	NEMA 4X
CPS SCA50KTL-DO/US-480	157lbs	200 - 950Vdc	50kW	3	Max 98.8%	CEC 98.5%	3 Phase, 480Vac	NEMA 4X
CPS SCA60KTL-DO/US-480	157lbs	200 - 950Vdc	60kW	3	Max 98.8%	CEC 98.5%	3 Phase, 480Vac	NEMA 4X
CPS SCA100KTL-DO/US-600	176lbs	860 - 1450Vdc	100kW	1	Max 99.1%	CEC 98.5%	3 Phase, 600Vac	NEMA 4X
CPS SCA125KTL-DO/US-600	176lbs	860 - 1450Vdc	125kW	1	Max 99.1%	CEC 98.5%	3 Phase, 600Vac	NEMA 4X

Warranty: 10-year standard
20-year extended available.

Delta	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
M4-TL-US	42 lbs	50 - 550 Vdc	4 kW	2	98.0%	97.5%	single phase	3R
M5-TL-US	42 lbs	50 - 550 Vdc	5 kW	2	98.0%	97.5%	single phase	3R
M6-TL-US	43 lbs	50 - 550 Vdc	6 kW	3	98.0%	97.5%	single phase	3R
M8-TL-US	44 lbs	50 - 550 Vdc	8 kW	3	98.0%	97.5%	single phase	3R
M10-TL-US	44 lbs	50 - 550 Vdc	10 kW	2	98.0%	97.5%	single phase	3R
E6	42 lbs	50 - 550 Vdc	6 kW	3	98.0%	97.5%	single phase	3R
E8	43 lbs	50 - 550 Vdc	8 kW	3	98.0%	97.5%	single phase	3R
M28U	122.1 lbs	200 - 1000 Vdc	30.8 KW	2	98.6%	98.0%	3 Phase	4X
M36U	128.5 lbs	200 - 1000 Vdc	39.6 KW	2	98.6%	98.0%	3 Phase	4X
M42U	132.9 lbs	200 - 1000 Vdc	46 vKW	2	98.6%	98.0%	3 Phase	4X
M60U	185.2 lbs	200 - 1000 Vdc	66 KW	2	98.6%	98.0%	3 Phase	4X

M80U	185.2 lbs	200 - 1000 Vdc	83 KW	2	98.8%	98.5%	3 Phase	4X
M125U	185.2 lbs	880 - 1450 Vdc	125 KW	1	99.0%	98.5%	3 Phase	4X

Warranty: 5-year standard

Fronius	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
Galvo 1.5-1	36.05	120 to 420	1.5 kW	1	95.8	94	Single	4X
Galvo 2.0-1	36.05	120 to 420	2 kW	1	95.8	94.5	Single	4X
Galvo 2.5-1	36.93	165 to 550	2.5 kW	1	96	95	Single	4X
Galvo 3.1-1	36.93	165 to 550	3.1 kW	1	96	95	Single	4X
Primo 3.8 - 1	47.29	80 to 600	3.8 kW	2	96.7	95	Single	4X
Primo 5.0 - 1	47.29	80 to 600	5 kW	2	96.9	95.5	Single	4X
Primo 6.0 - 1	47.29	80 to 600	6 kW	2	96.9	96	Single	4X
Primo 7.6 - 1	47.29	80 to 600	7.6 kW	2	96.9	96	Single	4X
Primo 8.2 - 1 208 /240	47.29	80 to 600	7.9 kW / 8.2 kW	2	97	96.5	Single	4X
Primo 10.0 - 1	82.5	80 to 600	10 kW	2	96.7	96	Single	4X
Primo 11.4 - 1	82.5	80 to 600	11.4 kW	2	96.7	96	Single	4X
Primo 12.5 - 1	82.5	80 to 600	12.5 kW	2	96.7	96	Single	4X
Primo 15.0 - 1 208/240	82.5	80 to 600	13.75 kW/15 kW	2	96.7	96.5	Single	4X
Symo Advanced 10.0-3 208/240	91.9	200 to 600	10 kW	2	97	96.5	Three	4X
Symo Advanced 12.0-3 208/240	91.9	200 to 600	12 kW	2	97	96.5	Three	4X
Symo 15.0-3 208	78.3	325 to 1000	15 kW	1	97.3	96.5	Three	4X
Symo Advanced 15.0-3 480	95.7	200 to 1000	15 kW	2	98	97	Three	4X
Symo Advanced 20.0-3 480	95.7	200 to 1000	20 kW	2	98	97.5	Three	4X
Symo Advanced 22.7-3 480	95.7	200 to 1000	22.7 kW	2	98	97.5	Three	4X
Symo Advanced 24.0-3 480	95.7	200 to 1000	24 kW	2	98	97.5	Three	4X

Warranty: Minimum 10 years

Growatt	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
1500-US	32.2lb	100-450 Vdc	1.65 kW	1	97.0%	96.0%	Single	3R
2000-US	33.3lb	100-500 Vdc	2kw	1	97.0%	96.5%	Single	3R
3000-US	35.0lb	100-500 Vdc	2.8 kW	1	97.0%	96.5%	Single	3R
3600MTL-US	48.5lb	120-550 Vdc	3.6 kW	2	97.5%	97.0%	Single	3R
4200MTL-US	57.3lb	120-550 Vdc	4.2 kW	2	97.5%	97.0%	Single	3R
5000MTL-US	57.3lb	120-550 Vdc	5.0 kW	2	97.5%	97.0%	Single	3R
4000MTLP-US	69.4lb	100-600 Vdc	40 kW	2	97.2%	96.0%	Single	4X
5000MTLP-US	69.4lb	100-600 Vdc	50 kW	2	97.5%	96.5%	Single	4X
6000MTLP-US	70.5lb	100-600 Vdc	60 kW	2	97.5%	96.5%	Single	4X
7000MTLP-US	70.5lb	100-600 Vdc	70 kW	2	97.4%	97.0%	Single	4X
7600MTLP-US	70.5lb	100-600 Vdc	76 kW	2	97.3%	97.0%	Single	4X
8000MTLP-US	66lb	100-600 Vdc	80 kW	3	97.8%	97.5%	Single	4X
9000MTLP-US	66lb	100-600 Vdc	90 kW	3	97.8%	97.5%	Single	4X
10000MTLP-US	66lb	100-600 Vdc	10 kW	3	97.8%	97.5%	Single	4X
10000TL3-US	101.4lb	80-600 Vdc	10 kW	2	97.0%	95.5%	Three	3R
12000TL3-US	101.4lb	80-600 Vdc	12 kW	2	97.0%	95.5%	Three	3R
18000TL3-US	138.9lb	80-600 Vdc	18 kW	2	97.5%	96.0%	Three	3R
20000TL3-US	138.9lb	80-600 Vdc	20 kW	2	97.5%	96.5%	Three	3R
33000TL3-US	110.2lb	200-1000 Vdc	33 kW	2	98.8%	98.5%	Three	3R
36000TL3-US	110.2lb	200-1000 Vdc	36 kW	2	98.8%	98.5%	Three	3R
40000TL3-US	110.2lb	200-1000 Vdc	40 kW	2	98.8%	98.5%	Three	3R

Warranty: 5 years

Ginlong Solis	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phases	NEMA rating
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Solis Residential								
Solis-1P2.5K-4G-US	33.1 lb	50 - 450 Vdc	2.5 kW	2	97.8%	97.1%	Single	4X
Solis-1P3K-4G-US	33.1 lb	90 - 520 Vdc	3.0 kW	2	97.8%	97.1%	Single	4X
Solis-1P3.6K-4G-US	33.1 lb	90 - 520 Vdc	3.6 kW	2	97.8%	97.1%	Single	4X
Solis-1P4K-4G-US	33.1 lb	90 - 520 Vdc	4.0 kW	2	98.1%	97.3%	Single	4X
Solis-1P4.6K-4G-US	33.1 lb	90 - 520 Vdc	4.6 kW	2	98.1%	97.3%	Single	4X
Solis-1P5K-4G-US	33.1 lb	90 - 520 Vdc	5.0 kW	2	98.1%	97.3%	Single	4X
Solis-1P6K-4G-US	45.2 lb	100 - 500 Vdc	6.0 kW	3	97.8%	97.5%	Single	4X
Solis-1P7K-4G-US	45.2 lb	100 - 500 Vdc	7.0 kW	3	97.8%	97.5%	Single	4X
Solis-1P7.6K-4G-US	45.2 lb	100 - 500 Vdc	7.6 kW	3	97.8%	97.5%	Single	4X
Solis-1P8K-4G-US	45.2 lb	100 - 500 Vdc	8.0 kW	4	97.8%	97.5%	Single	4X
Solis-1P8.6K-4G-US	45.6 lb	100 - 500 Vdc	8.6 kW	4	97.8%	97.5%	Single	4X
Solis-1P9K-4G-US	45.6 lb	100 - 500 Vdc	9.0 kW	4	97.8%	97.5%	Single	4X
Solis-1P10K-4G-US	45.6 lb	100 - 500 Vdc	10.0 kW	4	97.8%	97.5%	Single	4X
Solis Commercial								
Solis-25K-US-SW	149.8 lb	200 - 800 Vdc	25 kW	4	98.6%	98.3%	Three	4X
Solis-30K-US-SW	149.8 lb	200 - 800 Vdc	30 kW	4	98.6%	98.3%	Three	4X
Solis-36K-US-SW	149.8 lb	200 - 800 Vdc	36 kW	4	98.6%	98.3%	Three	4X
Solis-36K-US-F-SW	149.8 lb	200 - 800 Vdc	36 kW	4	98.6%	98.3%	Three	4X
Solis-40K-US-SW	149.8 lb	200 - 800 Vdc	40 kW	4	98.6%	98.3%	Three	4X
Solis-40K-US-F-SW	149.8 lb	200 - 800 Vdc	40 kW	4	98.6%	98.3%	Three	4X
Solis-50K-US-SW	182.4 lb	200 - 850 Vdc	50 kW	4	98.8%	98.4%	Three	4X
Solis-50K-US-F-SW	182.4 lb	200 - 850 Vdc	50 kW	4	98.8%	98.4%	Three	4X
Solis-60K-US-F-SW	182.4 lb	200 - 850 Vdc	60 kW	4	98.8%	98.4%	Three	4X
Solis-66K-US-F-SW	182.4 lb	200 - 850 Vdc	66 kW	4	98.8%	98.4%	Three	4X
Solis Utility Scale								
Solis-125K-US-F	185 lb	860 - 1450 Vdc	125 kW	1	98.8%	98.4%	Three	4X
Warranty: 10 Years STD (Extendable to 20 Years)								

KACO	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
blueplanet 125 TL3	78.2 kg	480 – 760 V	137 500 VA	1	99.2 %	99.0 %	Three phase	NEMA 4X
blueplanet 110 TL3	78.2 kg	300 – 580 V	110 000 VA	1	99.2 %	98.5 %	Three phase	NEMA 4X
blueplanet 137 TL3	78.2 kg	480 – 760 V	137 500 VA	1	99.2 %	99.0 %	Three phase	NEMA 4X
blueplanet 150 TL3	78.2 kg	480 – 760 V	150 000 VA	1	99.2 %	99.0 %	Three phase	NEMA 4X

OutBack Power	Model	Weight	Operating voltage	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase
Commercial String Inverters								
ProHarvest 480V (PRO480-8k)		24 lb	200 to 850 VDC	8 kW	2	98.6%	98.0%	3-phase 480 VAC (Wye)
ProHarvest 208V	PRO208-5k75	24 lb	200 to 525 VDC	5.75 kW	2	98.0%	97.0%	3-phase 208 VAC (Wye)
ProHarvest Gen XL	PHXL480-10k	30.6 lb	200 to 850 VDC	10 kW	2	98.2%	97.5%	3-phase 480 VAC (Wye)
Energu Storage Systems								
SkyBox	SBX5048-120/240	111 lb	200 to 600 VDC	5 kW	1	97%	94.0%	Split phase 240 VAC
FLEXpower Radian	FPR-4048A-300VDC	201 lb	60 to 290 VDC	4 kW	1	93%	92.5%	Split phase 240 VAC
FLEXpower Radian	FPR-8048A-300VDC	262 lb	60 to 290 VDC	8 kW	2	93%	92.5%	Split phase 240 VAC
FLEXpower Radian	FPR-4048A-01	195 lb [88.5 kg]	60 to 150 VDC	4 kW	1	93%	92.5%	Split phase 240 VAC
FLEXpower Radian	FPR-8048A-01	250 lb [113 kg]	60 to 150 VDC	8 kW	2	93%	92.5%	Split phase 240 VAC
FLEXpower One	FP1-FXR2524A-01	98 lb [44.5 kg]	60 to 150 VDC	2.5 kW	1	92%	90.5%	Single-phase 120 VAC
FLEXpower One	FP1-VFXR3524A-01	98 lb [44.5 kg]	60 to 150 VDC	3.5 kW	1	92%	90.5%	Single-phase 120 VAC
FLEXpower One	FP1-FXR3048A-01	98 lb [44.5 kg]	60 to 150 VDC	3 kW	1	93%	91.0%	Single-phase 120 VAC
FLEXpower One	FP1-FXR3648A-01	98 lb [44.5 kg]	60 to 150 VDC	3.6 kW	1	93%	91.0%	Single-phase 120 VAC
FLEXpower Two	FP2 VFXR3524A-300	256 lb [116 kg]	60 to 290 VDC	7 kW	2	92%	90.5%	Split phase 240 VAC
FLEXpower Two	FP2 VFXR3524A-01	256 lb [116 kg]	60 to 150 VDC	7 kW	2	92%	90.5%	Split phase 240 VAC
FLEXpower Two	FP2 VFXR3648A-300	256 lb [116 kg]	60 to 290 VDC	7.2 kW	2	93%	91.0%	Split phase 240 VAC

FLEXpower Two	FP2 VFXR3648A-01	256 lb [116 kg]	60 to 150 VDC	7.2 kW	2	93%	91.0%	Split phase 240 VAC
FLEXpower Two	FP2 FXR3048A-300	256 lb [116 kg]	60 to 290 VDC	6 kW	2	93%	91.0%	Split phase 240 VAC
FLEXpower Two	FP2 FXR3048A-01	256 lb [116 kg]	60 to 150 VDC	6 kW	2	93%	91.0%	Split phase 240 VAC
FLEXpower Two	FP2 FXR2524A-300	256 lb [116 kg]	60 to 290 VDC	5 kW	2	92%	90.5%	Split phase 240 VAC
FLEXpower Two	FP2 FXR2524A-01	256 lb [116 kg]	60 to 150 VDC	5 kW	2	92%	90.5%	Split phase 240 VAC
FLEXpower Three	FP3-FXR3048A-300	433 lb [196 kg]	60 to 290 VDC	9 kW	2	93%	91.0%	3-phase 208 VAC
FLEXpower Three	FP3 FXR3048A-01	433 lb [196 kg]	60 to 150 VDC	9 kW	3	93%	91.0%	3-phase 208 VAC
FLEXpower Three	FP3 VFXR3648A-300	433 lb [196 kg]	60 to 290 VDC	10.8 kW	2	93%	91.0%	3-phase 208 VAC
FLEXpower Three	FP3 VFXR3648A-01	433 lb [196 kg]	60 to 150 VDC	10.8 kW	3	93%	91.0%	3-phase 208 VAC
FLEXpower Four	FP4 FXR3048A-300	500 lb [226 kg]	60 to 290 VDC	12 kW	2	93%	91.0%	Split phase 240 VAC
FLEXpower Four	FP4 FXR3048A-01	500 lb [226 kg]	60 to 150 VDC	12 kW	4	93%	91.0%	Split phase 240 VAC
FLEXpower Four	FP4 VFXR3648A-300	500 lb [226 kg]	60 to 290 VDC	14.4 kW	2	93%	91.0%	Split phase 240 VAC
FLEXpower Four	FP4 VFXR3648A-01	500 lb [226 kg]	60 to 150 VDC	14.4 kW	4	93%	91.0%	Split phase 240 VAC

Pika Energy	Weight	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
X7600 Islanding Inverter	63	360-420Vdc	12 kW	1-12	97	96.5	1ø	3R
X11400 Islanding Inverter	63	360-420Vdc	12 kW	1-12	98	97.5	3ø	3R

Warranty: Batteries: 10 years • Inverter: 10 years (20-year extended) • PV Links: 25 years

SMA Residential	Weight	Operating voltage range (208 Vac / 240 Vac)		Max. Output Power (208 / 240)	MPPTs	CEC Efficiency (208 / 240)		Phase
		Operating voltage range (Vdc)	Vac			Max Efficiency (208 / 240)	/ 240)	
SB3.0-1SP-US-40	57	100 - 550	183 – 229 / 211 – 264	3 kW	2	97.2% / 97.6%	96% / 96.5%	Single
SB3.8-1SP-US-40	57	100 - 550	183 – 229 / 211 – 264	3.3 kW / 3.8 kW	2	97.2% / 97.5%	96.5% / 96.5%	Single
SB5.0-1SP-US-40	57	100 - 550	183 – 229 / 211 – 264	5 kW	3	97.2% / 97.5%	96.5% / 97%	Single
SB6.0-1SP-US-40	57	100 - 550	183 – 229 / 211 – 264	5.2 kW / 6 kW	3	97.2% / 97.6%	96.5% / 97%	Single
SB7.0-1SP-US-40	57	100 - 550	183 – 229 / 211 – 264	6.6 kW / 7 kW	3	97.1% / 97.5%	96.5% / 97%	Single
SB7.7-1SP-US-40	57	100 - 550	183 – 229 / 211 – 264	6.6 kW / 7.7 kW	3	97.1% / 97.5%	96.5% / 97%	Single
SMA Commercial			480/277 Vac	480/277 Vac		480 Vac	480 Vac	
STP12000TL-US-10	121	150 - 1000	244 - 305	12 kW	2	98.2%	97.5%	Three
STP15000TL-US-10	121	150 - 1000	244 - 305	15 kW	2	98.2%	97.5%	Three
STP20000TL-US-10	121	150 - 1000	244 - 305	20 kW	2	98.5%	97.5%	Three
STP24000TL-US-10	121	150 - 1000	244 - 305	24 kW	2	98.5%	98.0%	Three
STP30000TL-US-10	121	150 - 1000	244 - 305	30 kW	2	98.6%	98.0%	Three
Core 1 (STP50-US-40)	185	150 - 1000	244 - 305	50 kW	6	98.3%	98.0%	Three
SMA Central								
Sunny Central 1850-US	7496 lbs	570 - 950 Vdc	308 - 462 Vac	1850 kVA	1	98.60%	98.00%	Three
Sunny Central 2200-US	7496 lbs	570 - 950 Vdc	308 - 462 Vac	2200 kVA	1	98.60%	98.00%	Three
Sunny Central 2500-EV-US	7496 lbs	850 - 1425 Vdc	440 - 660 V	2500 kVA	1	98.60%	98.00%	Three
Sunny Central 2750-EV-US	7496 lbs	875 - 1425 Vdc	480 - 660 V	2750 kVA	1	98.70%	98.50%	Three
Sunny Central Storage 2200-US	7496 lbs	570 - 950 Vdc	308 - 462 V	2200 kVA	NA	98.60%	98.00%	Three
Sunny Central Storage 2475-EV-US	7496 lbs	634 - 1000 Vdc	347 - 520 V	2475 kVA	NA	98.60%	98.00%	Three
Sunny Central Storage 2500-EV-US	7496 lbs	850 - 1425 Vdc	440 - 660 V	2500 kVA	NA	98.60%	98.00%	Three
Sunny Central Storage 2750-EV-US	7496 lbs	875 - 1425 Vdc	480 - 660 V	2750 kVA	NA	98.70%	98.50%	Three

Sol-Ark	Weight	Operating voltage	Max. Output Power	MPPTs	Max Efficiency	CEC	Phases	NEMA rating
Sol-Ark 8K Hybrid Inverter	75 lbs	150V-500Vdc	8kW/20kWpk	2-18A	97.5%	96.5%	1 & 3	2 & 4X

Warranty: 5 years, optional 10 years

Sungrow string	Weight	Operating voltage	Max. Output Power	MPPTs	Max. Efficiency	CEC	Phases	NEMA
SG125HV	76 kg 167.5 lb	1500 Vdc	125kW	1	98.90%	98.50%	three	4X

SG60KU-M	70 kg 154.3 lb	1000 V ?	60kW	4	98.90%	98.50%	three	4X
Central inverters								
SG2500U	6.9 kg 15211.9 lb	1500 Vdc	2750kW	1	98.80%	98.50%		3R
SG2500U-MV	15.7 kg 34612.6 lb	1500 Vdc	2750kW	1	98.80%	98.50%		3R
SG3150U	6.9 kg 15211.9 lb	1500 Vdc	3150kW	1	98.80%	98.50%		3R
SG3150U-MV	18 kg 39683.2 lb	1500 Vdc	3150kW	1	98.80%	98.50%		3R

Yaskawa Solectria Solar	Weight (Inverter / Wiring box)	Operating voltage range	Max. Output Power	MPPTs	Max Efficiency	CEC	Phase	NEMA rating
XGI 1000 - 60	117 lbs / 49 lbs	350-950 VDC	60 kW	4	98.20%	98.00%	Three	4
XGI 1000 - 65	117 lbs / 49 lbs	350-950 VDC	65 kW	4	98.20%	98.00%	Three	4
XGI 1500 - 125	240 lbs	860-1450 VDC	125 kW	1	98.80%	98.50%	Three	4X
XGI 1500 - 166	240 lbs	860-1450 VDC	166 kW	1	98.70%	98.50%	Three	4X
PVI 14TL	141 lbs	180-580 VDC	14 kW	2	96.70%	96.00%	Three	4
PVI 20TL	132 lbs	260-580 VDC	20 kW	2	97.40%	97.00%	Three	4
PVI 23TL	101 lbs / 20 lbs	240-950 VDC	23 kW	2	98.60%	98.00%	Three	4
PVI 28TL	101 lbs / 20 lbs	240-950 VDC	28 kW	2	98.60%	98.00%	Three	4
PVI 36TL	101 lbs / 20 lbs	240-950 VDC	36 kW	2	98.50%	98.00%	Three	4X
PVI 50TL	123.5 lbs / 33 lbs	200-950 VDC	50 kW	3	99.00%	98.50%	Three	4X
PVI 60TL	123.5 lbs / 33 lbs	200-950 VDC	60 kW	3	99.00%	98.50%	Three	4X
Central								
SGI 500XTM	3080 lbs	545-1000 VDC	500 kW		98.30%	98.00%	Three	3R
SGI 750XTM	3570 lbs	545-1000 VDC	750 kW		98.30%	98.00%	Three	3R

Warranty: 10-year standard, 15 or 20-year extended.