

DreamTherm®

**WE WORK FOR A MORE
LIVABLE WORLD.**

Product and Corporate Brochure



www.dream-tinyhouses.com

Your Renewable Energy... Reimagined with DreamTherm

Solar energy systems allow you to harness the clean and limitless power of the sun, converting it into highly efficient electrical energy. With DreamTherm solutions, you can generate your own electricity sustainably — without the need for any additional energy sources. Experience independence, efficiency and true environmental responsibility with every ray of sunlight.

Solar Energy Systems

- Solar Power Plants
- Industrial Rooftop Projects
- Vineyard & Mountain House Sys
- Solar Irrigation Systems
- Caravan Applications
- Marine Applications
- Portable & Camping Solutions
- Signaling Systems
- Camera–Security–Alarm Systems
- UPS Systems Energy Storage
- Systems
- Electric Fence
- Electric Fence (Repellent) Systems
- Electric Vehicle Charging Stations
- LED Lighting Systems

Solar Energy Systems

Solar energy systems provide cost-effective solutions wherever electricity is needed. From the very first day of installation, a DreamTherm solar system begins to pay for itself through clean and efficient energy production.

Our systems reliably generate all the electrical power you require, ensuring long-term independence and stability. Every DreamTherm product is rigorously tested and certified to withstand all types of environmental and weather conditions, guaranteeing durability, performance and peace of mind.

Our top priority at DreamTherm is to provide our customers with the products they need under the most favorable conditions, ensuring a smooth, reliable and hassle-free supply process.

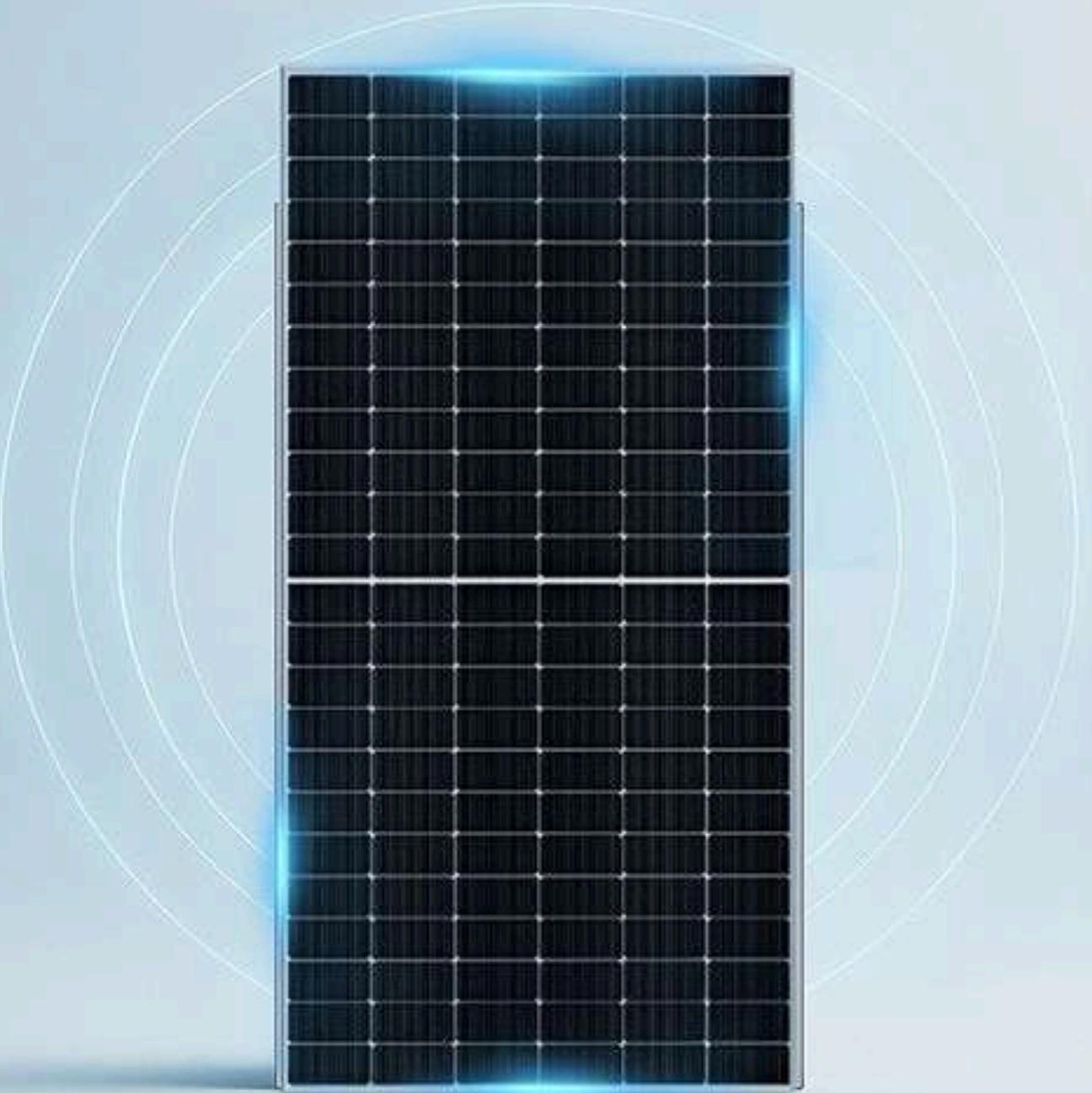
SOLAR PRODUCTS

- ☀ Solar Panels
- ☀ Energy Storage Solutions
- ☀ Gel & Lithium Batteries
- ☀ Off-Grid Inverters
- ☀ On-Grid & Hybrid Inverters
- ☀ Solar Pump Drivers
- ☀ Charge Controllers
- ☀ Lighting Devices
- ☀ Connection Equipment



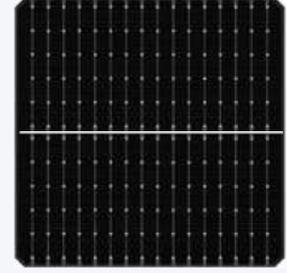
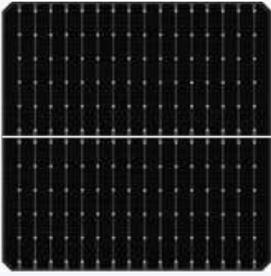
DreamTherm®

SOLAR PANELS



HALF-CUT TOPCON BIFACIAL

DreamTherm®



ÜRÜN KODU	ÇIKIŞ GÜCÜ	VMP (V)	VOC (V)	IMP(A)	ISC (A)	BOYUT (mm)	AĞIRLIK (kg)
LR72-HC-590N16	590W	43,96	52,67	13,43	14,08	2278-1134-35	28
LR72-HC-595N16	595W	44,11	52,82	13,49	14,13	2278-1134-35	28
LR72-HC-600N16	600W	44,29	53,09	13,55	14,17	2278-1134-35	28
LR72-HC-605N16	605W	44,39	53,13	13,63	14,26	2278-1134-35	28
LR72-HC-610N16	610W	44,51	53,27	13,71	14,34	2278-1134-35	28

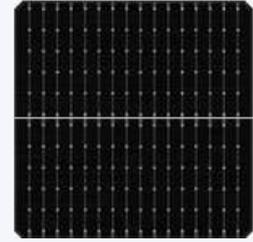
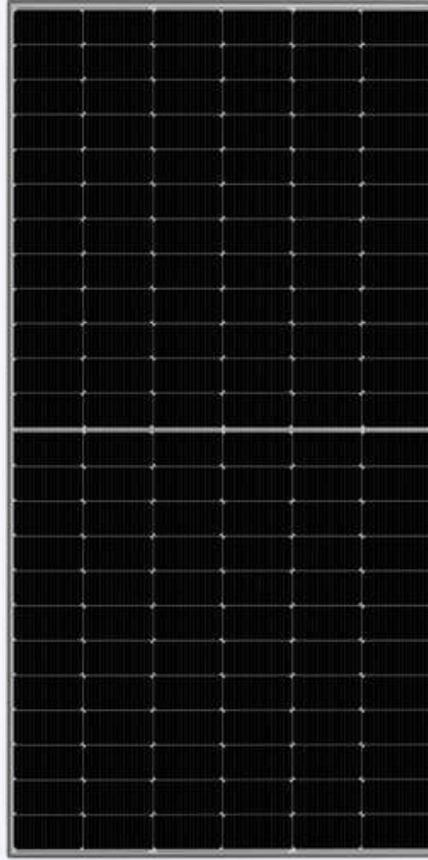
BIFACIAL OUTPUT-REAR SIDE POWER GAIN

	590W	595W	600W	605W	610W
Maximum Power (Pmax) (Wp) %10	649,00	654,50	660,00	665,00	671,00
Module Efficiency STC (%) %10	25,12%	25,34%	25,55%	25,76%	25,98%
Maximum Power (Pmax) (Wp) %15	678,50	684,30	690	695,80	701,5
Module Efficiency STC (%) %15	26,27%	26,49%	26,71%	26,16%	27,16%
Maximum Power (Pmax) (Wp) %20	708	714	720	726	732
Module Efficiency STC (%) %20	27,41%	27,64%	27,87%	28,10%	28,34%



16BB HALF-CUT TOPCON

DreamTherm®

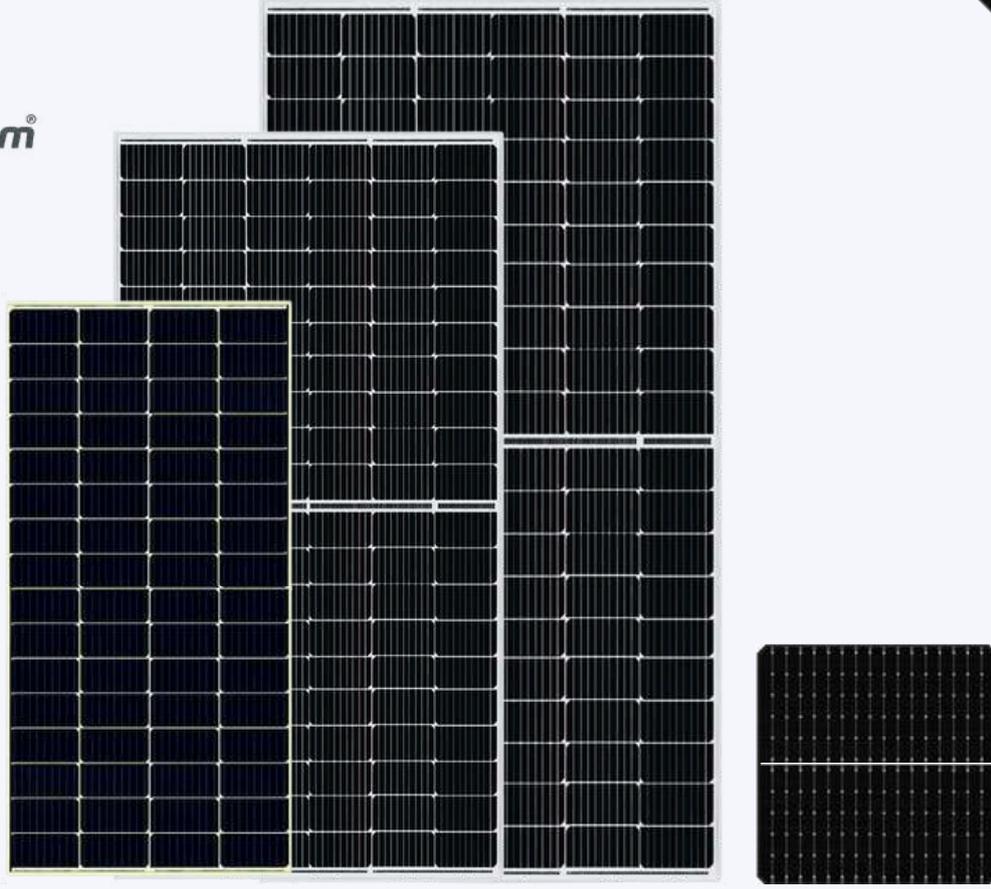


ÜRÜN KODU	ÇIKIŞ GÜCÜ	VMP (V)	VOC (V)	IMP(A)	ISC (A)	BOYUT (mm)	AĞIRLIK (kg)
LR72-HC-590N16	590W	43,96	52,67	13,43	14,08	2278-1134-35	28
LR72-HC-595N16	595W	44,11	52,82	13,49	14,13	2278-1134-35	28
LR72-HC-600N16	600W	44,29	53,09	13,55	14,17	2278-1134-35	28
LR72-HC-605N16	605W	44,39	53,13	13,63	14,26	2278-1134-35	28
LR72-HC-610N16	610W	44,51	53,27	13,71	14,34	2278-1134-35	28



16BB POWERLITE TOPCON SERIES

DreamTherm[®]

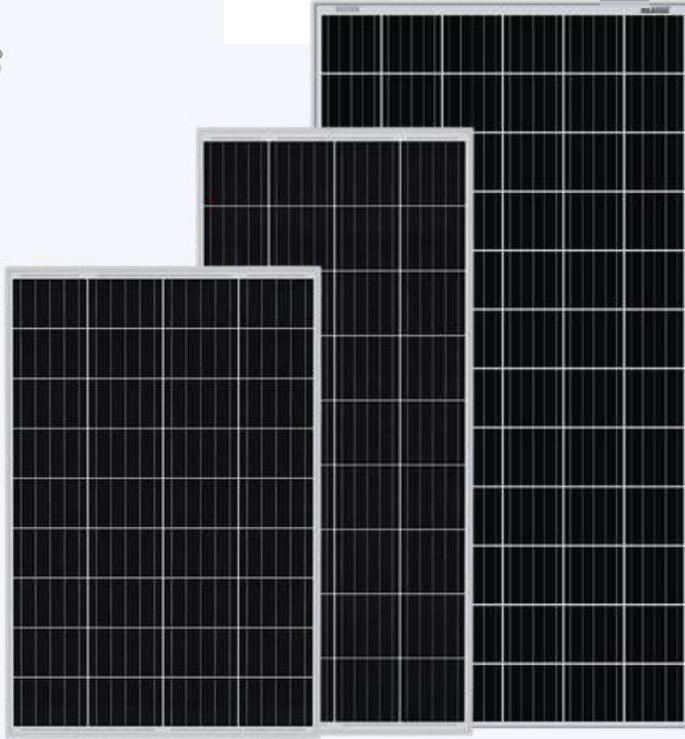


ÜRÜN KODU	ÇIKIŞ GÜCÜ	VMP (V)	VOC (V)	IMP(A)	ISC (A)	BOYUT (mm)	AĞIRLIK (kg)
LXR20T-HC-120	120W	17,72	20,38	6,77	7,45	776x710x20	6
LXR36T-HC-140	140W	20,26	23,29	6,91	7,61	776x801x20	6,5
LXR60T-HC-175	175W	25,32	29,12	6,91	7,61	780x978x20	7,5
LXR60T-HC-280	280W	20,26	23,29	13,82	15,22	776x1536x30	13



MONOPERC SERIES

DreamTherm®

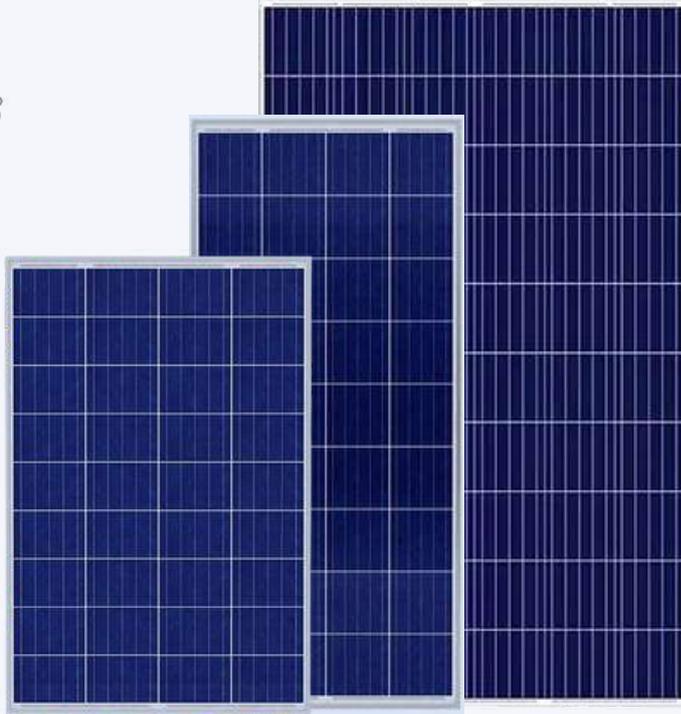


ÜRÜN KODU	ÇIKIŞ GÜCÜ	VMP (V)	VOC (V)	IMP(A)	ISC (A)	BOYUT (mm)	AĞIRLIK (kg)
LXR-36-M 12	12W	20,70	24,84	0,58	0,61	255x355x20 362x433x20	1,0 1,7
LXR-36-M 25	25W	20,70	24,84	1,21	1,27	679x433x20	3,8
LXR-36-M 55	55W	21,06	25,27	2,61	2,75	791x679x20 1148x679x20	7,0 9,5
LXR-36-M 110	110W	21,06	25,27	5,22	5,51	1505x679x30	11,9
LXR-36-M 160	160W	21,06	25,27	7,60	8,01		
LXR-36-M 220	220W	21,30	25,56	10,33	10,90		



POLYKRISTAL SERIES

DreamTherm[®]



ÜRÜN KODU	ÇIKIŞ GÜCÜ	VMP (V)	VOC (V)	IMP (A)	ISC (A)	BOYUTLAR (mm)	AĞIRLIK (kg)					
LXR-36-P 10	10W	18,60	22,32	0,56	0,67	300x300x20	1,3					
LXR-36-P 25						362x433x20						
LXR-36-P 42						679x433x20						
LXR-36-P 65	25W	20,70	24,84	1,21	1,27	598x679x20	1,7					
LXR-36-P 85						791x679x20						
LXR-36-P 105	42W	18,60	22,32	2,26	2,38	983x679x20	3,8					
LXR-36-P 125						1148x679x20						
LXR-60-P 175	85W	18,60	22,32	4,57	4,82	1505x679x30	7,0					
						105W		18,60	22,32	5,65	5,95	8,5
						125W		18,60	22,32	6,72	7,09	9,5
						175W		18,60	22,32	9,41	9,92	11,9



16BB TOPCon Flexible Panels

DreamTherm®



ÜRÜN KODU	ÇIKIŞ GÜCÜ	VMP (V)	VOC (V)	IMP (A)	ISC (A)	BOYUT (mm)	AĞIRLIK (KG)
ETFE-140	140W	20,26	23,29	6,91	7,61	760x860x3	1,8
ETFE-195	195W	27,85	32,03	7,00	7,71	760x1140x3	2



DreamTherm®

ENERGY STORAGE PRODUCTS



BESS

EVE Energy

DreamTherm®



Model Numarası	BOS-G20	BOS-G40	BOS-G60
Kullanılan Modül Sayısı	4	8	12
Sistem Nominal Voltajı (V)	204,8	409,6	614,4
Sistem Çalışma Voltajı (V)	172,8~233,6	345,6~467,2	518,4~700,8
Sistem Gücü (kWh)	20,48	40,96	61,44



DreamTherm®

- 6000-Cycle Long Lifespan,
- Prismatic Grade-A Cells, 15-Unit
- Parallel Operation, 5A Active Cell
- Balancing, Advanced Patented
- BMS Technology

PREMIUM SERIES LITHIUM BATTERY



KAPASİTE	VOLTAJ	TİP	MARKA	AĞIRLIK (kg)	BOYUTLAR(mm)	ADET (koli)
100AH	51.2V	Lityum	LEXRON	42,5	442x420x130	1
314AH	51.2V	Lityum	LEXRON	143,5	248x680x880	1



LİTYUM BATARYALAR

- 4000-Cycle Long Lifespan,
- Prismatic Grade-A Cells, LCD
- Display, 5A Active Cell Balancing,
- Advanced Patented BMS
- Technology



KAPASİTE	VOLTAJ	TİP	MARKA	AĞIRLIK (kg)	BOYUTLAR(mm)	ADET (koli)
100AH	12,8V	Lityum	LEXRON	11,0	260x169x215	1
200AH	12,8V	Lityum	LEXRON	19,5	522x238x223	1
100AH	25,6V	Lityum	LEXRON	19,5	522x238x223	1
100AH	48V	Lityum	LEXRON	36	522x238x223	1
200Ah	25,6V	Lityum	LEXRON	38	522x238x223	1



GEL BATTERIES – DRY BATTERIES

DreamTherm®



KAPASİTE	VOLTAJ	TİP	MARKA	AĞIRLIK (kg)	BOYUTLAR(mm)	ADET (koli)
7AH	12V	AGM	LEXRON	1,85	152x65x94	8
7,2AH	12V	AGM	LEXRON	2,10	151x65x94	8
9AH	12V	AGM	LEXRON	2,60	152x65x94	8
12AH	12V	AGM	LEXRON	3,30	151x98,5x96	4
14AH	12V	JEL	LEXRON	4,45	151x99x98	5
24AH	12V	JEL	LEXRON	7,00	181x77x170	5
42AH	12V	JEL	LEXRON	14,00	197x165x172	1
65AH	12V	JEL	LEXRON	20,00	348x167x178	1
105AH	12V	JEL	LEXRON	30,00	330x171x219	1
160AH	12V	JEL	LEXRON	44,50	484x170x241	1
210AH	12V	JEL	LEXRON	61,00	522x240x222	1



DreamTherm

INVERTERS



LEXRON
DreamTherm

DreamTherm
LEXRON

DreamTherm
LEXRON

SOLAR INVERTER
Pure Sine Wave Inverter With Solar



**MADE IN
TÜRKIYE**

- High Efficiency
- Operates in On-Grid or Off-Grid Mode
- Asymmetric Phase Capability
- Large, Easy-to-Read Display
- Remote Monitoring Function
- High Charging Current
- Compatible with 48V Battery Systems
- Generator Input Support

LV HYBRID INVERTERS



Güç	5kW Monofaze	8kW Monofaze	8kW Trifaze	10kW Monofaze	12kW Trifaze	15kW Trifaze	20kW Trifaze
Max PV Giriş Gücü (kW)	6,5	12,8	10,4	16	15,6	24	32
Max PV Giriş Voltajı (V)	500	500	800	500	800	800	800
Başlangıç PV Voltajı (V)	125	125	160	125	160	160	160
Batarya Voltaj Aralığı (V)	40-60	40-60	40-60	40-60	40-60	40-60	40-60
Max PV Giriş Akımı (Imp)	13+13	32 + 32	13 + 13	32 + 32	26 + 13	36 + 36	36 + 36
Mppt Giriş Sayısı	2	2/2 + 2	2/1 + 1	2/2 + 2	2/2 + 1	2/2 + 2	2/2 + 2
AC Voltajı (V)	230	230	380	380	380	380	380
Çalışma Frekansı (Hz)	50/60	50/60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Şebeke Çıkış Akımı (A)	25	38,3	13,4	50	20	24	31,9
Mppt Verimi	>99%	>99%	>99%	>99%	>99%	>99%	>99%
Ağırlık (kg)	15,1	24,9	33,6	24,9	33,6	50,6	50,6
Boyut (mm)	330x580x232	330x580x232	422x702x281	330x580x232	422x702x281	456x750x269	456x750x269



DreamTherm[®]

LV HYBRID INVERTERS

- High Efficiency
- On-Grid or Off-Grid Operation
- Asymmetric Phase Capability
- Large, Easy-to-Read Display
- Remote Monitoring
- Generator Input Support



Güç	15kW	20kW	30kW	50kW	80kW
Max Dc Giriş Gücü (kW)	24	32	48	80	128
Max Dc Giriş Voltajı (V)	1000	1000	1000	1000	1000
Başlangıç PV Voltajı (V)	180	180	180	180	180
Batarya Çalışma Aralığı (V)	150-850	150-850	160-800	160-850	160-850
Max DC Giriş Akımı (Imp)	26 + 20	26 + 26	36 + 36 + 36	36 + 36 + 36 + 36	36+36+36+36+36+36
Mppt Giriş Sayısı	2/2 + 1	2/2 + 2	3/2 + 2 + 2	4/2 + 2 + 2 + 2	6/2+2+2+2+2+2
AC Giriş Voltajı (V)	380	380	380	380	380
Çalışma Frekansı (Hz)	50/60	50 / 60	50 / 60	50 / 60	50 / 60
Şebeke Çıkış Akımı (A)	21,8	31,9	47,9	79,8	117
Mppt Verimi	>99%	>99%	>99%	>99%	>99%
Ağırlık (kg)	30,5	30,5	80	80	97,5
Boyut (mm)	408×638×237	408×638×237	527×894×294	527×894×294	606×927×314



ON-GRID INVERTERS



	3kW Monofaze	5kW Monofaze	5kW Trifaze	10kW Monofaze	10kW Trifaze	20kW Trifaze	25kW Trifaze	50kW Trifaze	100kW Trifaze
Güç	3,9	6,5	6,5	15	13	26	32,5	65	150
Max Dc Giriş Gücü (kW)	550	550	1100	550	1100	1000	1000	1000	1000
Max Dc Giriş Voltajı (V)	80	80	140	80	140	250	250	250	250
Başlangıç Dc Voltajı (V)	70-500	70-500	120-1000	70-500	120-1000	200-850	200-850	200-850	200-850
Mppt Çalışma Aralığı (V)	13	13+13	13+13	26+26	13+13	32+32	32+32	32+32	32+32
Max DC Giriş Akımı (A)	1/1	2 / 1+1	2 / 1+1	2 / 2+2	2 / 1+1	2 / 2	2 / 3+3	2 / 3+3	2 / 3+3
Mppt Giriş Sayısı	230	230	380	230	230 / 400	230 / 400	230 / 400	230 / 400	230 / 400
AC Giriş Voltajı (V)	50/60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Çalışma Frekansı (Hz)	15	25	8.3	50	16,7	31,9	41,7	41,7	41,7
Şebeke Çıkış Akımı (A)	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%
Mppt Verimi	4,8	8	11	14.8	11	20.8	23	40+40+40+40	40+40+40+40
Ağırlık (kg)									
Boyut (mm)								4 / 3	6 / 4+4+4+4+4+4
								230 / 400	230 / 400
								50 / 60	50 / 60
								79.7	166,7
								>99%	>99%
								44,5	81
									838x577x323

330x310x115330x210x172283x525x178330x410x214283x463x178330x508x206400x520x240.5647,5x537x303,5



HV MPPT Smart Inverters



	1.5KVA / 1000W	2KVA / 1600W	3.75KVA / 3000W	4.2KVA / 4200W	7.5KVA / 6200W	12.5KVA / 11000W
Çalışma Voltajı (VAC)	230	230	230	230	230	230
Voltaj Aralığı (VAC)	90-280	90-280	90-280	185-260	90-280	90-280
Frekans Aralığı (Hz)	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Max Verim (Çıkış)	%98	%97	%94	%98	%98	%98
Demeraj Gücü (VA)	2000	3200	6000	8000	12000	22000
Akü Voltajı (VDC)	12	12	24	24	48	48
Max. Açık Devre Voltajı (VOC)	150	450	500	500	500	500
Mppt Çalışma Voltajı (VMP)	15-145	40-450	40-500	90-500	120-500	120-500
Şebeke Şarj Akımı (A)	25	60	60	100	60	60
Solar Şarj Akımı MPPT (A)	60	100	100	150	100	160 (80+80)
Boyut(mm)	465x310x135	399x285x188	395x285x118	495x312x125	495x312x125	571x500x149
Ağırlık (kg)	12,5	6,5	6,5	10,5	10,5	19,5



Pure Sine Wave Inverters



	600W / 12V	1000W / 12-24V	2000W / 12V	3000W / 12V
Demeraj Gücü (W)	1200	2000	4000	6000
Giriş Gerilimi (VDC)	12	12/24	12	12
Çıkış Gerilimi (VAC)	220	220	220	220
Max Verim (Çıkış)	%88	%88	%88	%88
Çalışma Frekans (Hz)	50/60	50/60	50/60	50/60
Boyut (mm)	210x113x55	298x170x102	430x170x102	505x199x84
Ağırlık (kg)	1,25	2,75	5,25	6,35
Düşük Voltaj Koruması	VAR	VAR	VAR	VAR
Aşırı Yük Koruması	VAR	VAR	VAR	VAR
Termal Kapama	VAR	VAR	VAR	VAR
Kısa Devre Kapaması	VAR	VAR	VAR	VAR



Pure Sine Wave UPS Inverters



	1000W / 12V UPS	2000W / 12V UPS
Demeraj Gücü (W)	2000	4000
Giriş Gerilimi (VDC)	12	12
Çıkış Gerilimi (VAC)	220	220
Max Verim (Çıkış)	%98	%98
Çalışma Frekans (Hz)	50/60	50/60
Boyut (mm)	375x170x102	430x170x102
Ağırlık (kg)	3,6	5,25
Düşük Voltaj Koruması	VAR	VAR
Aşırı Yük Koruması	VAR	VAR
Termal Kapama	VAR	VAR
Kısa Devre Kapaması	VAR	VAR



Modified Sine Wave Inverters



	300W	600W	1200W	2000W
	12V	12 - 24V	12 - 24V	12 - 24V
Demeraj Gücü (W)	600	1200	2400	4000
Giriş Gerilimi (VDC)	12	12/24	12/24	12/24
Çıkış Gerilimi (VAC)	220	220	220	220
Max Verim (Çıkış)	%88	%88	%88	%88
Çalışma Frekans (Hz)	50/60	50/60	50/60	50/60
Boyut (mm)	152x112x58	160x112x58	242x150x77	320x167x92
Ağırlık (kg)	0,93	0,93	1,85	3,7
Düşük Voltaj Koruması	VAR	VAR	VAR	VAR
Aşırı Yük Koruması	VAR	VAR	VAR	VAR
Termal Kapama	VAR	VAR	VAR	VAR
Kısa Devre Kapaması	VAR	VAR	VAR	VAR



Charge Controllers



PWM CHARGE CONTROLLER



	10A PWM	20A PWM	30A PWM	40A PWM	60A PWM
Sistem Voltajı (V) Max	12/24	12/24	12/24	12/24	12/24/48
Çalışma Akımı (A) Güneş	10	20	30	40	60
Panel Voltajı (V) Şarj	<50	<50	<50	<50	<100 for 48V
Voltajı (V) Düşük Voltaj	13,8 / 27,6	13,8 / 27,6	13,8 / 27,6	13,8 / 27,6	13,8 / 27,6/54,4
Koruması (V) Boyut (mm)	10,7 / 21,4	10,7 / 21,4	10,7 / 21,4	10,7 / 21,4	10,7 / 21,4/42,8
Ağırlık (gr)	75x130x37	88x160x37	90x188x48	90x188x48	90x188x48
	145	230	360	360	360

MPPT CHARGE CONTROLLER



	20A MPPT	30A MPPT	40A MPPT	80A MPPT
Sistem Voltajı (V)	12/24	12/24	12/24	12/24/36/48
Max Çalışma Akımı (A)	20	30	40	80
Max Güneş Panel Voltajı (V)	60	100	100	145
Şarj Voltajı (V)	13,7 / 27,4	13,7 / 27,4	8V / 32	13,7 / 27,4 / 41,1 / 54,8
Düşük Voltaj Koruması (V)	10,7 / 21,4	10,7 / 21,4	10,8V / 14,8	10,7 / 21,4 / 32,1 / 42,8
Boyut (mm)	180x123x50	219x146x69	219x146x69	152x100x294
Ağırlık (gr)	800	1300	1300	3000

Solar Pump Drivers

DreamTherm[®]



Smart Solar Drivers



	2-3 HP	5,5HP	3 HP	4-5,5HP	7,5HP	10HP	15HP	20HP	25HP
Sürücü Gücü (kW)	2,2	4	2,2	4	5,5	7,5	11	15	18,5
Nominal Çalışma Akımı (A)	10,6	17	6	9,4	13	17	25	32	38
Max Dc Giriş Voltajı (VOC)	450	450	810	810	900	900	900	900	900
Dc Voltaj Aralığı (VDC)	150-450	150-450	300-810	300-810	300-900	300-900	300-900	300-900	300-900
Nominal Dc Voltaj Aralığı (VMP)	240-400	240-400	400-750	400-750	400-750	400-750	400-750	400-750	400-750
Önerilen Mppt Giriş Voltajı (VMP)	330	330	550	550	550	550	550	550	550
Mppt Verimliliği	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%
Şebeke Giriş Gerilimi (VAC)	200-260	200-260	350-480	350-480	350-480	350-480	350-480	350-480	350-480
Anma Çıkış Gerilimi (VAC)	200-260	200-260	380-480	380-480	380-480	380-480	380-480	380-480	380-480
Çıkış Frekans Aralığı (Hz)	0~600	0~600	0~600	0~600	0~600	0~600	0~600	0~600	0~600

	30HP	40HP	50HP	60HP	75HP	100HP	120HP	150HP	180HP
Pompa Gücü (kW)	22	30	37	45	55	75	90	110	132
Nominal Çalışma Akımı (A)	46	60	75	96	112	150	176	210	132
Max Dc Giriş Voltajı (VOC)	810	810	810	810	810	810	810	810	810
Dc Voltaj Aralığı (VDC)	300-810	300-810	300-810	300-810	300-810	300-810	300-810	300-810	300-810
Nominal Dc Voltaj Aralığı (VMP)	400-750	400-750	400-750	400-750	400-750	400-750	400-750	400-750	400-750
Önerilen Mppt Giriş Voltajı (VMP)	550	550	550	550	550	550	550	550	550
Mppt Verimliliği	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%
Şebeke Giriş Gerilimi (VAC)	350-480	350-480	350-480	350-480	350-480	350-480	350-480	350-480	350-480
Anma Çıkış Gerilimi (VAC)	380-480	380-480	380-480	380-480	380-480	380-480	380-480	380-480	380-480
Çıkış Frekans Aralığı (Hz)	0~600	0~600	0~600	0~600	0~600	0~600	0~600	0~600	0~600

DreamTherm[®]

Connection Equipment



Connection Equipment



DC Fuse
 The DC fuse features an IP67 protection rating, making it highly resistant to outdoor weather conditions. Each set includes both the cartridge fuse and its housing. Designed for high-performance solar installations, it supports 1500 VDC and 15 A capacity.



6mm – 4mm Solar Cable
 TÜV and CE certified, double-insulated solar cable designed for high-performance photovoltaic systems. It features a nominal voltage rating of 1800 VDC, ensuring safe, durable and efficient energy transmission.



Panel Mounting Equipment
 The panel mid-clamp and end-clamp set enables secure interconnection between two solar panels as well as stable edge mounting. It is highly resistant to outdoor weather conditions and seawater, ensuring long-term durability in harsh environments. Manufactured from stainless steel using the hot-dip galvanization process, the equipment fully complies with TS EN 1461 standards and is produced under ISO 9001:2008 Certification.

MC4 Connector
 The MC4 connector features an IP67 protection rating, ensuring strong resistance against outdoor weather conditions. Each set includes two connectors — one male and one female — designed for secure, reliable and long-lasting solar system connections.



2-Way T-Branch Connector
 The 2-way T-Branch connector features an IP67 protection rating, providing excellent resistance against outdoor weather conditions. Each set includes two connectors — one male and one female. Designed specifically for the parallel connection of two solar panels, ensuring a secure and efficient power distribution setup.



3-Way T-Branch Connector
 The 3-way T-Branch connector features an IP67 protection rating, providing strong resistance against outdoor weather conditions. Each set includes two connectors — one male and one female. It is specifically designed for the parallel connection of three solar panels, ensuring safe, stable and efficient power distribution.



MC4 Connector Crimping Set
 The MC4 Connector Crimping Set ensures proper and standardized installation of 4 mm, 6 mm and 10 mm MC4 connectors. Each kit includes:
 • 1 wire stripper
 • 1 cable cutter
 • 1 crimping plier
 Designed for precise, secure and long-lasting MC4 terminations in solar energy systems.



DreamTherm[®]

SOLAR LIGHTING



SOLAR LIGHTING



MODEL	LED MAX. LM	AKÜ TİPİ	SOLAR PANEL	BOYUT (mm)	AĞIRLIK (kg)	YÜKSEKLİK(M)	ÇALIŞMA SÜRESİ
300W	800 LM	Lityum 3,2V 5.000mAH	4.5V/7W-413*219	413x219x40	1,65	2M	10-12 Saat
500W	1100 LM	Lityum 3,2V 10.000mAH	4.5V/15W-526*219	628x238x40	2,00	3M	10-12 Saat
700W	1200 LM	Lityum 3,2V 20.000mAH	4.5V/18W-728*238	728x238x40	2,50	4M	10-12 Saat
1200W	1200 LM	Lityum 3,2V 25.000mAH	4.5V/25W-590*335	413x219x40	1,65	3-4M	10-12 Saat
2400W	2300 LM	Lityum 3,2V 30.000mAH	4.5V/30W-835*335	628x238x40	2,00	4-5M	10-12 Saat

SOLAR FLOODLIGHT



MODEL	LED TİPİ	AKÜ TİPİ	SOLAR PANEL	BOYUT (mm)	AĞIRLIK (kg)
200W SOLAR PROJEKTÖR	128PCS 5730	Lityum 3,2V 5AH (16.000mA)	6V/8W-230*350	180x240x83	2,3
400W SOLAR PROJEKTÖR	220PCS 5730	Lityum 3,2V 12AH (38.400mA)	6V/15W-350*350	180x240x83	2,8

SOLAR PACKAGE SYSTEMS

Solar Package Systems

Our solar package systems are designed in various configurations — On-Grid, Self-Consumption, Off-Grid, and Agricultural Irrigation Systems — and can be fully tailored to meet your specific energy needs.

...allowing you to enjoy clean and reliable energy at all times.



ON-GRID SYSTEMS

These systems operate on the principle of consuming the solar energy produced by the panels instantly at the point of generation, while any surplus energy is fed back into the electricity grid.

SELF-CONSUMPTION SYSTEMS

Self-consumption systems are renewable-energy-based production units in which all the generated energy is used directly at the same metering point, without feeding it into the distribution grid. These systems enable on-site generation and on-site

OFF-GRID SYSTEMS consumption with maximum efficiency.



Off-grid systems operate independently from the utility grid by storing the energy generated by solar panels in batteries, allowing uninterrupted use of electricity 24 hours a day. These systems are commonly preferred in areas where no grid connection is available, providing complete energy autonomy and reliability.

AGRICULTURAL IRRIGATION SYSTEMS

These systems direct the energy generated from the sun to water pumps or motors, enabling efficient and sustainable agricultural irrigation.





MADE IN
TÜRKİYE

DreamTherm | LEXRON

Head Office

Dikey Sok No 27-29
34860 Kartal İstanbul

+90 +90 530 546 3761



FABRİKA

ITOB OSB AtatürkCad. No:44
Menderes / İzmir

+90 530 546 3761



FABRİKA - 2

ITOB OSB AtatürkCad. No:148
Menderes / İzmir

info@dream-tinyhouses.com



www.dream-tinyhouses.com