

PRODUCT MODEL	CE3KW-S-ON	CE5KW-S-ON	CE10KW-S-ON
PV System Size Nominal (KWP)	3.3	5.4	11.5

PRODUCT MODEL SPECIFICATION(*Mono)

Power (W)	300
Vmp (V)	32.1
Voc (V)	39.7
Isc (A)	9.65
Imp (A)	9.35
Dimensions (L*W*H) (mm)	1640*992*35
PV Module Weight (kg)	17.5
Certifications	CE / TUV (IEC 61215 & IEC 61730)

*Polycrystalline PV modules also available up on request

INVERTER SPECIFICATIONS

Inverter Size (KW)	3	5	10
Max DC Power (W)	3400	5400	11500
Max DC Voltage (V)	580	580	600
MPPT Voltage Range (V)	90-530	90-530	100-500
No. of MPPTS / Max Strings	2 / 2	2 / 2	3 / 3
Max AC Power (KVA)	3	4.6	10
Max Output Current (A)	16	26	45.9
AC Nominal Voltage / Voltage Range (V)	220 / 230 / 240		
AC Grid Frequency Range (Hz)	50 / 60, -5HZ — 5HZ		
Number of Phases	1		
Dimensions (W*H*D) (mm)	500*360*150	500*360*150	333*573*249
Inverter Weight (kg)	21	21	18
Certifications	CE, IEC 62109-1/2, VDE 0126-1-1, GREECE, UTE C 15-712, VDE-AR-N4105, G83, EN50438, CEI 0-21, AS4777, IEC61727, IEC 62116, CQC		

*120V / 240V UL inverters also available upon request

BOS

DC / AC Disconnect	1 / 1	2 / 1	3 / 1
*PV Cables (PV 1*4mm ²) (m)	100	200	400
*Ground Wire (1*16mm ²) (m)	30	50	100

*Extra wire is available up request

SYSTEM LAYOUT

Number of Modules	11	18	39	
Number of Inverters	1	1	1	
PV Array Surface Area (m ²)	20	32	70	
PV Array Weight (kg)	192.5	315	682.5	
PV Module	No. of PV Modules / String	11	9	13
String	Total Strings	1	2	3
Configuration	String Voc (V)	436.7	357.3	516.1
600VDC	String Vmp (V)	353.1	288.9	417.3
	String Imp (A)		9.35	

PRODUCTION ESTIMATES (KWh AC)

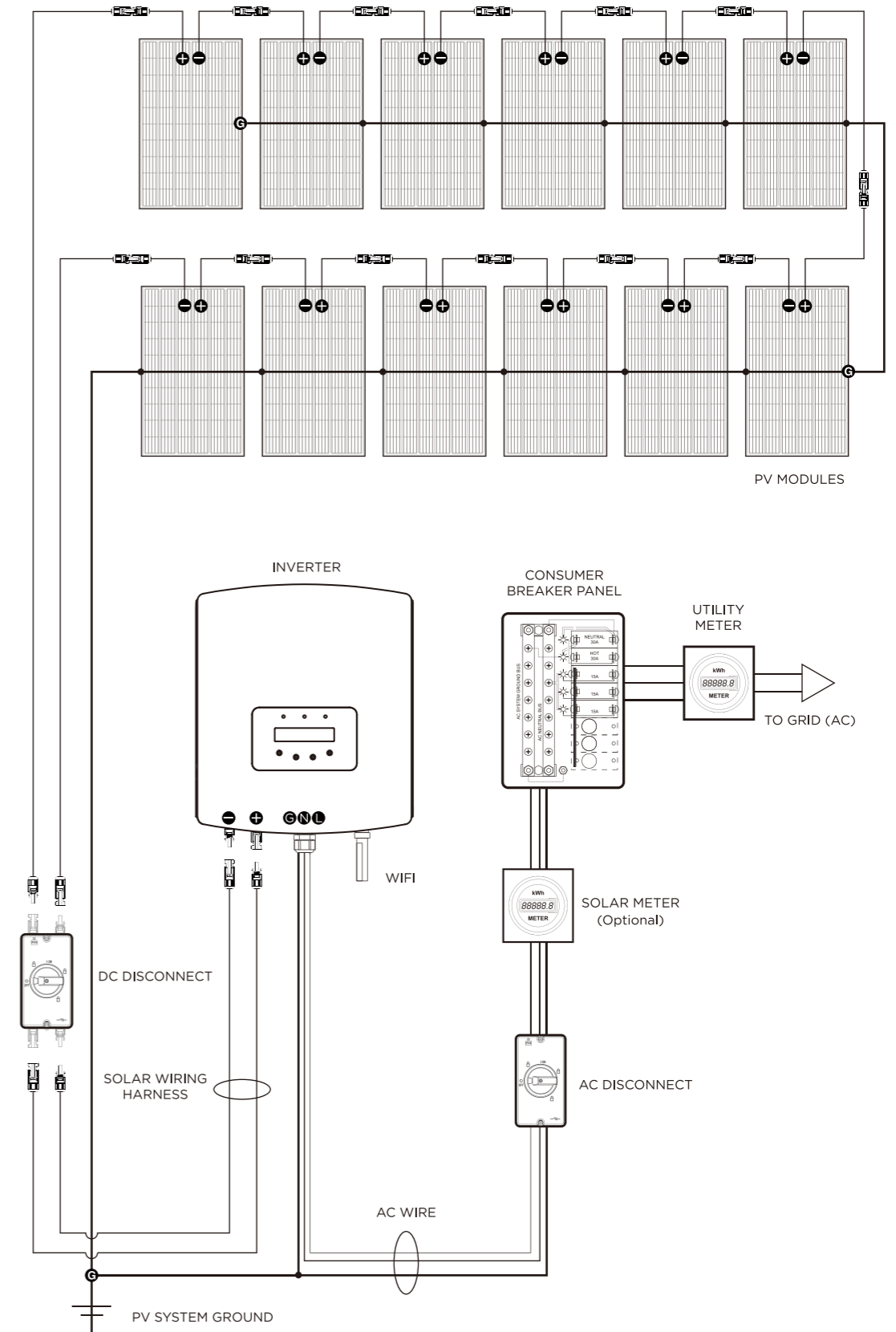
*Projectd Yearly Output at 4 PSH / Day	11.22	18.36	39.1
*Projectd Yearly Output at 5 PSH / Day	14.03	22.95	48.88
*Projectd Yearly Output at 6 PSH / Day	16.83	27.54	58.65

*Based on 85% system efficiency (formula = DC Power * PSH / Day * System Efficiency) (PSH = Peak Sunshine Hours)

SYSTEM OPTIONS

Monitoring Device	WI-FI or GPRS
PV Module Type	Mono or Poly
Monitoring System Types	Metal Roof / Tile Roof / Flat Concrete Roof / Ground

CE3KW-S-ON



SHIPPING

PV Kit Weight (kg)	375	585	1160
PV Kit Shipping Size (L*W*H) (m)	1.7*0.7*1	1.7*1.1*1	1.7*1.1*1
Total Number of Boxes	1	1	2