

PRODUCT MODEL	CE10KW-T-ON	CE20KW-T-ON	CE30KW-T-ON	CE50KW-T-ON	CE100KW-T-ON
PV System Size Nominal (KWP)	10.8	21.6	32.4	52.8	105.6

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)	10	20	30	50	50
Total Number of Inverters	1	1	1	1	2
Max DC Power (W)	11000	21500	32000	60000	60000
Max DC Voltage (V)	1000				
MPPT Voltage Range (V)	250-800		200-1000		
No. of MPPTS / Max Strings	2 / 2	2 / 4	3 / 6	4 / 8	4 / 8
Max AC Power (KVA)	10	20	30	50	50
Max Output Current (A)	15.5	30.5	45.5	66.2	66.2
AC Nominal Voltage / Voltage Range (V)	380 / 400 / 310-470				
AC Grid Frequency Range (Hz)	50 / 60, -5HZ — 5HZ				
Number of Phases	3				
Dimensions (W*H*D) (mm)	520*180*700		647*629*252		647*629*252
Inverter Weight (kg)	35	35	35	45	45
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				

*240V / 480V UL inverters also available upon request

BOS

DC / AC Disconnect	2 / 1	4 / 1	6 / 1	8 / 1	16 / 1
*PV Cables (PV 1*4mm²) (m)	300	700	800	1000	2000
*Ground Wire (1*16mm²) (m)	100	200	300	400	500

*Extra wire is available up request

SYSTEM LAYOUT

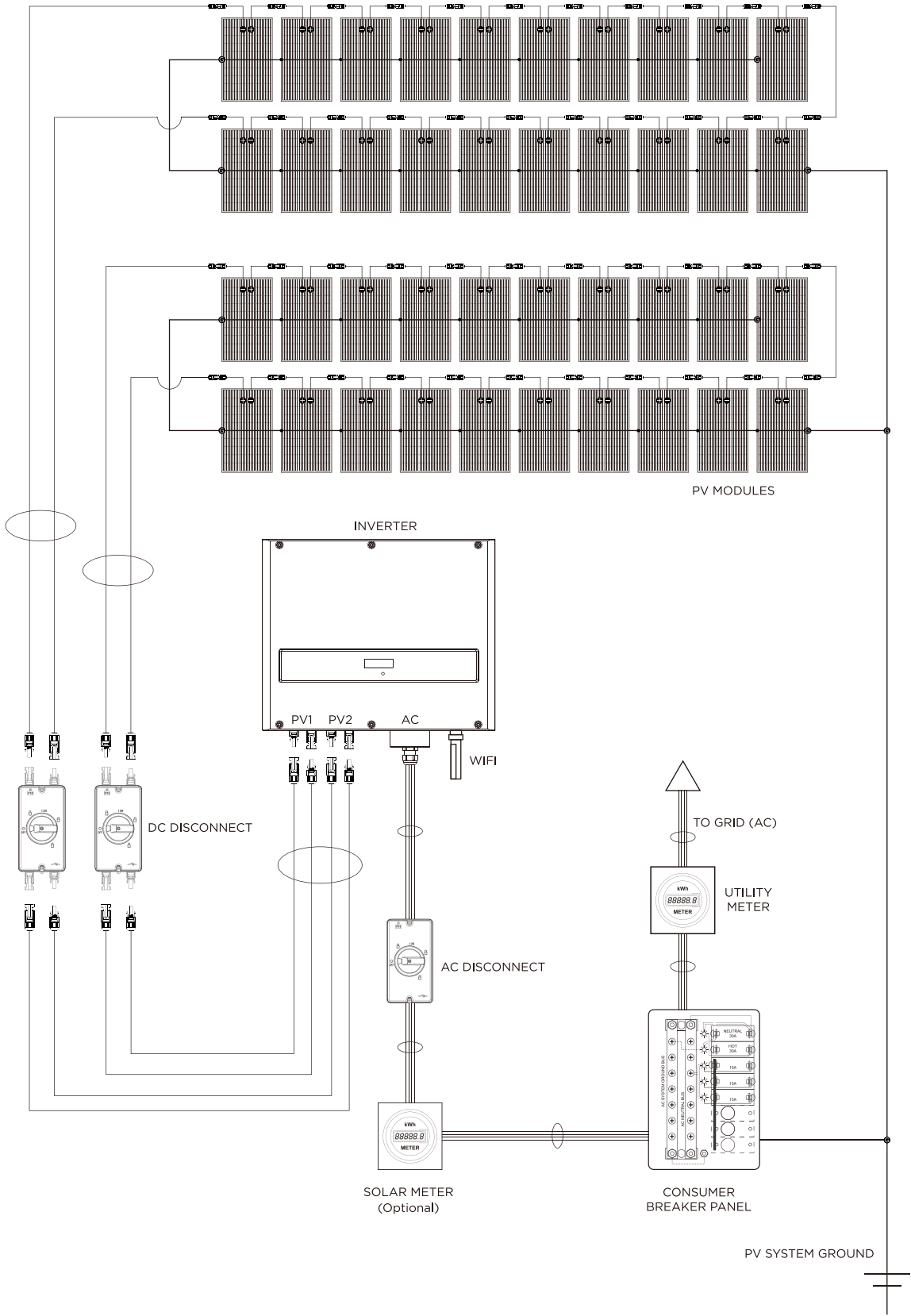
Number of Modules	36	72	108	176	352
Number of Inverters	1	1	1	1	2
PV Array Surface Area (m²)	64.8	129.6	194.4	316.8	633.6
PV Array Weight (kg)	630	1260	1890	3080	6160
PV Module	No. of PV Modules / String	18	18	22	22
	Total Strings	2	4	6	16
String	String Voc (V)	714.6	714.6	714.6	873.4
Configuration	String Vmp (V)	577.8	577.8	577.8	706.2
	String Imp (A)	9.35	9.35	9.35	9.35

PRODUCTION ESTIMATES (KWh AC)

*Projectd Yearly Output at 4 PSH / Day	36.72	73.44	110.16	179.52	359.04
*Projectd Yearly Output at 5 PSH / Day	45.90	91.80	137.70	224.40	448.80
*Projectd Yearly Output at 6 PSH / Day	55.08	110.16	165.24	269.28	538.56

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

CE10KW-T-ON



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