

Off-grid solar charging inverter power supply system main electrical parameters							
Model		CEEG-SI-SA	CEEG-SI-SA	CEEG-SI-SA	CEEG-SI-SA	CEEG-SI-SA	CEEG-SI-SA
		1KVA24	1KVA48	1.5KVA24	1.5KVA48	2KVA24	2KVA48
Charging parts							
PV input voltage range (VDC)		30~55	55~85	30~55	55~85	30~55	55~85
MPPT range (VDC)		36~55	60~80	36~55	60~80	36~55	60~80
Rated charging current (a)		20	10	30	15	40	20
Battery rated voltage (VDC)		24	48	24	48	24	48
Battery protection (VDC) (off load)	Protection	21.6	42	21.6	42	21.6	42
	Recovery	24.8	45	24.8	45	24.8	45
Battery overvoltage protection (VDC) (stop charging)	Protection	30	64	30	64	30	64
	Recovery	29	60	29	60	29	60
Improve charging	Start voltage (VDC)	<23.4	<46.8	<23.4	<46.8	<23.4	<46.8
	Termination voltage (VDC)	28.8	57.6	28.8	57.6	28.8	57.6
Constant voltage charging (VDC)		28.8	57.6	28.8	57.6	28.8	57.6
Floating charge voltage (VDC)		28.4	56.8	28.4	56.8	28.4	56.8
Inverter parts							
Battery input	Input rated voltage (VDC)	DC24	DC48	DC24	DC48	DC24	DC48
	Input rated current (a)	50	24	72	36	96	48
	Allowable input voltage range (VDC)	22~29	44~58	22~29	44~58	22~29	44~58
AC output	Rated capacity (KVA)	1	1	1.5	1.5	2	2
	Output rated voltage (VAC)	230					
	Output rated	50					

	frequency (HZ)						
	Output rated current (a)	4.3	4.3	6.5	6.5	8.7	8.7
	Output waveform	Sine wave					
	Voltage stabilizing precision (AC)	230V±5%					
	Precision frequency stability (HZ)	50 ± 0.05					
	Waveform distortion rate (linear load) (THD)	≤ 5%					
	Dynamic response (load 0-100%)	<10ms					
	Power factor (PF)	-0.8					
	Overload capacity	150%,60s	120%,60s	120%,60s	120%,60s	120%,60s	120%,60s
	Peak factor (CF)	At 3:01					
	Inverter efficiency (rated output, resistance load)	86%	80D	86%	88%	86%	87%
	Protection function	PV input reverse, pressure overload, battery reverse connection, battery, under voltage, inverter output short circuit, overload, overheating protection feature.					
Basic parameters							
	Operating temperature (°C)	-20~+45					
	Noise standards	<30dB					
	Heat dissipation	55 under the natural heat dissipation of the heat sink, above 55 ° c forced air cooling.					
	Protection degree	IP20					
	Altitude (m)	≤ 5,000 (more than 1000 meters above sea level amount reduced in accordance with GB/T3859.2 you want to use.)					
	Dimensions (width x height x depth) mm	468x350x155					