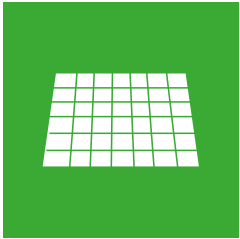


AlternativeEnergy

Deep Cycle Batteries
Solar Panels



TCEDWORLDWIDE

Flexible Solar Panels

EWS-100-FLEX



Example of a truck equipped with EWS-100-FLEX Solar Panels

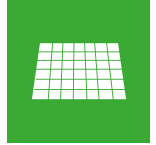
Introducing the most flexible and thin solar panel on the market

Overview

- + High efficiency solar cells (approx. 20%) with quality silicon material for high module conversion efficiency and long term output stability and reliability.
- + Rigorous quality control to meet the highest international standards.
- + Outstanding electrical performance under high temperature and weak light environments.

Applications





EXPERTISE

With TCED you benefit from over 20 years of experience and shared knowledge in the field of green energy.

ETL LISTED

Our ETL Listed solar panels are compliant with the regulations and specifications for use in Canada and USA.

SUPERIOR QUALITY

Our products are rigorously tested and meet the highest quality standards and defined requirements.

GRID-TIE SOLAR POWER SYSTEMS

We offer a variety of versatile energy solutions enabling to supply power from alternative energy sources.

TCED WORLDWIDE Solars Panels

Product	Type	Watts	Amps	Volts	Length	Width	Height	ETL
EWS-2.5-6M	Rigid	2	0.23 Imp/0.24 Isc	8.78 Vmp/10.8 Voc	7.5"/190 mm	5.7"/145 mm	0.7"/18 mm	—
EWS-4P	Rigid	4	0.24 Imp/0.27 Isc	17.3 Vmp/21.7 Voc	11.5"/293 mm	6.2"/157 mm	0.75"/19 mm	—
EWS-10P	Rigid	10	0.58 Imp/0.64 Isc	17.3 Vmp/21.7 Voc	13.8"/350 mm	11.1"/282 mm	1.3"/33 mm	—
EWS-20P	Rigid	20	1.2 Imp/1.32 Isc	17.3 Vmp/21.7 Voc	24.4"/621 mm	11.1"/282 mm	1.3"/33 mm	—
EWS-30P	Rigid	30	1.65 Imp/1.77 Isc	18.0 Vmp/21.6 Voc	26.2"/666 mm	16.2"/412 mm	1.3"/33 mm	—
EWS-50M	Rigid	50	2.87 Imp/3.15 Isc	17.4 Vmp/21.35 Voc	33.3"/845 mm	21.1"/536 mm	1.3"/34 mm	—
EWS-90M-36	Rigid	90	5.0 Imp/5.42 Isc	18.0 Vmp/22.0 Voc	47.1"/1195 mm	21"/533 mm	1.37"/35 mm	YES
EWS-100-FLEX	Flexible	100	5.62 Imp/5.97 Isc	17.8 Vmp/21.6 Voc	41.4"/1050 mm	21.3"/540 mm	0.157 "/4 mm	—
EWS-150P-36	Rigid	150	8.29 Imp/8.87 Isc	18.1 Vmp/22.3 Voc	58.4"/1483 mm	26.2"/665 mm	1.37 "/35 mm	YES
EWS-195M-72	Rigid	195	10.66 Imp/11.35 Isc	18.3 Vmp/22.6 Voc	62.3"/1581 mm	31.9"/809 mm	1.37"/35 mm	YES
EWS-250P-60	Rigid	250	8.31 Imp/8.87 Isc	30.1 Vmp/37.2 Voc	64.6"/1641 mm	39"/990 mm	2"/51 mm	YES

Deep Cycle Batteries

Alternative Energy Batteries



TCED provides a wide range of products for a variety of small-scale and more ambitious renewable energy projects.



TCED WORLDWIDE Deep Cycle Batteries

Product	Mca	Ah20h	Length	Width	Height	rc25a	rc75a	Term	Volts	Weight	
										(kg)	(lb)
DC24-180	690	85	10.7"/272 mm	6.7"/171 mm	9.4"/238 mm	140		M	12	20 kg	44 lb
DC27-220	740	109	12.5"/318 mm	6.7"/171 mm	9.4"/238 mm	185	39	M	12	25 kg	55 lb
DC31-280	1000	140	13"/330 mm	6.8"/173 mm	10"/254 mm	200	46	M	12	30 kg	66 lb
TCR-235	—	235	10.3"/260 mm	7.1"/179 mm	11"/278 mm	459	125	M	6	29 kg	63 lb
2GC-220	—	215	10.4"/264 mm	7.1"/180 mm	11.1"/282 mm	420	105	M	6	30 kg	66 lb

U.S. Battery Deep Cycle Batteries

Product	Ah20h	Length	Width	Height	rc25a	rc75a	Term	Volts	Weight	
									(kg)	(lb)
US-145	251	10.3"/260 mm	7.1"/181 mm	11.9"/302 mm	562	154	UT	6	29 kg	64 lb
US-2200	232	10.3"/260 mm	7.1"/181 mm	11.3"/286 mm	474	122	UT/WNT	6	27 kg	60 lb
US-2200LS	232	10.3"/260 mm	7.1"/181 mm	10.9"/276 mm	474	122	UTL	6	27 kg	60 lb
US-REL16XC	401	11.89"/302 mm	7.1"/181 mm	16.7"/425 mm	915	245	L	6	45 kg	99 lb
US-REL162VXC	1100	11.89"/302 mm	7.1"/181 mm	16.7"/425 mm	2826	845	L	2	45 kg	99 lb

TCED WORLDWIDE AGM Batteries for Alternative Energy systems

Product	Ah20h	Length	Width	Height	Term	Volts	Weight	
							(kg)	(lb)
WPE2-1180	1180	18.7"/475mm	6.9"/175mm	14.5"/368mm	M8Insert	2	64 kg	141 lb
WP195-12	195	20.8"/530mm	8.2"/209mm	8.7"/221mm	M8Insert	12	56 kg	124 lb
WPHR6-220	220	10.2"/260mm	7.1"/180mm	10.8"/274mm	M	6	30 kg	66 lb
WPHR12-110	110	13"/331mm	6.8"/173mm	9.2"/233mm	M6Insert	12	31 kg	69 lb
WP250-12	250	20.5"/520mm	10.6"/268mm	9.4"/240mm	M8Insert	12	72 kg	159 lb

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**"WE DELIVER
POWER!"**