



## WATTSUN TRACKER POWER SUPPLIES

Wattsun Tracker motors require 24 VDC power to operate. If the power supply is from a 24 VDC battery then you do not need a voltage conversion device. Otherwise consult this chart for an appropriate power supply.

Voltage Conversion to 24 VDC	Retail Price	Part Description
12-24 15W (For 12 VDC Battery Bank)	\$125.00	Steps up 12VDC from a battery bank to 24VDC required by the tracker controller.
48-24 LVC ( For 48 VDC Battery Bank or 48 VDC Array)	\$58.00	Steps down 48 VDC from a battery bank to 24VDC required by the tracker controller. One required per TR-Series Tracker or AZ-125 Tracker. Does not have enough power to run an AZ-225 Tracker. It can tap power from a 48 VDC array to power the tracker but must tap power from 3 series 12 VDC modules. Will not work with 24 VDC modules in a 48 VDC "array direct" configuration. Water pumps must have a pump controller installed for the 48-24 LVC to operate in an "array-direct" mode.
PPT-48-5R24 (For 48 VDC Battery Bank or 48 VDC Array ) <i>Replaces Part # EQ-24/48-05</i>	\$219.00	Steps down 48 VDC from a battery bank to 24VDC required by the tracker controller. Will power two AZ-125 Trackers. Will run one AZ-225 Tracker. Can also be used to tap power directly from a 48 VDC array configured from 12 VDC modules. Water pumps must have a pump controller installed for the 48-24 LVC to operate in an "array-direct" mode. 5 Amp output maximum.
PPT-48-10R24 (For 48 VDC Battery Bank or 48 VDC Array) <i>Replaces Part # EQ-24/48-10</i>	\$295.00	Steps down 48 VDC from a battery bank to 24VDC required by the tracker controller. One required per three AZ-125 Trackers. Will run two AZ-225 Trackers. Can also be used to tap power directly from a 48 VDC array configured from 12 VDC modules. Water pumps must have a pump controller installed for the 48-24 LVC to operate in an "array-direct" mode. 10 Amp output maximum.
DR-4524 (For Water Pumping)	\$84.00	AC/DC to 24 VDC Switching Power Supply. Accepts 120-370 VDC input. Use to power the tracker controller from a high voltage water pumping array. Needs to be mounted in a raintight box if located outside.
IDEC PS5R-SF24 (For Grid-Tie) <i>Replaces Part # DR-120-24</i>	\$165.00	AC/DC to 24 VDC Switching Power Supply. Accepts 115 or 230 VAC input. Use to power the tracker controller from the AC Grid when no back up battery bank is present. One required per two AZ-125 trackers or one AZ-225 Tracker. Needs to be mounted in a raintight box if located outside.