



- Smart Tracking guarantees **10%~25%** generation increase
- $\pm 60^\circ$ large angle tracking produces 1-2% more generation than regular tracker

Advantages

① High Returns Lower Cost

Balanced Design Saves 25%~35% Foundation !
No Welding-High Pre-assembly

② More flexible

34% Land Utility Increase after Layout Optimization

③ Reliable

Anti-vibration—Damper;
Reserve self-locking—Slew Drive;
Anti-thunder—Surge protection;
Double Limit Protection System;
Third-party certificate and patent certificate;
... ..

④ Intelligent O&M

Different operation models;
Different sections and string monitoring ,
direct management of each motor;
Intelligence and low-cost O&M
... ..



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Datasheet

PowerTracker----PowerLink

Specification

System	Powerlink
Tracking Style	Single-axis Horizontal
Capacity(DC)	100kW to 400kW
Max system voltage	1000V/1500V
Tracking Range of Motion	±60°
Extra output(v.s. fixed tilt)	10% to 25% (Powerway's Terms and Conditions applied)

Mechanical Data

Drive mode	Universal couple
Material	Hot dip galvanized steel + aluminium alloy
Max rows	24
Module per row	Max 90 modules
E-W slope	<10%
N-S slope	<10%
Mechanical size	subject to module dimension and quantity
Module supported	Mono/Crystalline/Thin Film
Module Layout	Portrait/Landscape
Ground clearance	>400mm
Foundation	Rampost/Concrete
Max wind speed	144km/h or customized
Stow wind speed	<72km/h
Time to stow position	<5 minutes

Electrical Data

Power voltage	3W+PE 380/480VAC L+N+PE 110/220VAC
Power frequency	50/60HZ
Nominal power	1.5kW
Motor type	AC
Control system	PLC
Control algorithm	astronomical algorithms + tilt sensor close loop
Tracking accuracy	±2° or customized
Automatic leveling mode at night	Yes
Back tracking	Yes
Automatic rain cleaning	Yes
Automatic snow cleaning	Yes
Working Temperature	-20° ~ 55°
IP protection	IP65
Communication interface	RS485/Modbus