



QUICK SOLAR KIT Wall Angled

PLM-QSK400-WA / PLM-QSK800-WA



Solid



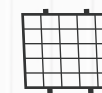
Highly Waterproof



Wind-resistant
Snow-prevention



Plug & Play



All-in-one Design



DIY Installation



Built-in WiFi,
APP Remote Monitoring



Output Power 400W/800W
Can be Adjusted According to
Local Regulations



Angle Adjustable for
More Power Generation

Applicable for



Wall Mount



Flat
Ground

PERLIGHT SOLAR CO.,LTD.

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Technical Data

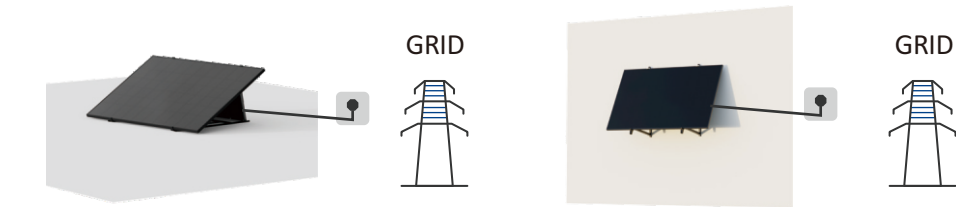
Model	PLM-QSK400-WA	PLM-QSK800-WA
PV Module Parameter *		
Module Power(Pmpp @STC)	400 (400 - 460 optional)	400*2 (400 - 460 optional)
Max. Module Efficiency	20.7% (up to 24%)	20.7% (up to 24%)
Temp. Coef. (Power)	-0.34%/°C	-0.34%/°C
Color	Black	Black
AC Output Parameter		
Max. System Continous Output Power (W)**	400	800
Max. Output Current (A)	2	4
Nominal Output Voltage (V)***	220/230/240	
Nominal Frequency (Hz)**	50/60	
Power Factor	>0.99	
Output Current Harmonic Distortion	<3%	
Length of AC End Cable***	5m (10m, 15m optional)	
Certification		
Solar Module	CE,TUV,UL,CQC,IEC 61215,IEC 61730	
Microinverter	CE-LVD,CE-EMC,CE-RED,VDE 4105,EN 50549-1	
Environmental Parameter		
Environmental Protection Rating	Ip67	
Operating Ambient Temperature Range	-40°C to 60°C	
Relative Humidity	0-100%	
Max. Operating Altitude Without Derating [m]	2000	
Mechanical Parameter		
Weight [kg]	29	27+31
Package Dimensions (W×H×D mm)	1722x1195x605	1722x1195x605 *2pcs
Color	S: Silver / B:Black / BC: Blakc Piemer (Back Contact PV module)	
Warranty	12 years	

* The colour , brand and power of the solar module can be customized if the PV module is compatible to QSK system.
** The output power of the system can be limited to 300W(QSK400) or 600W(QSK800).
*** The AC voltage , frequency range and plug type may vary depending on specific country grid.

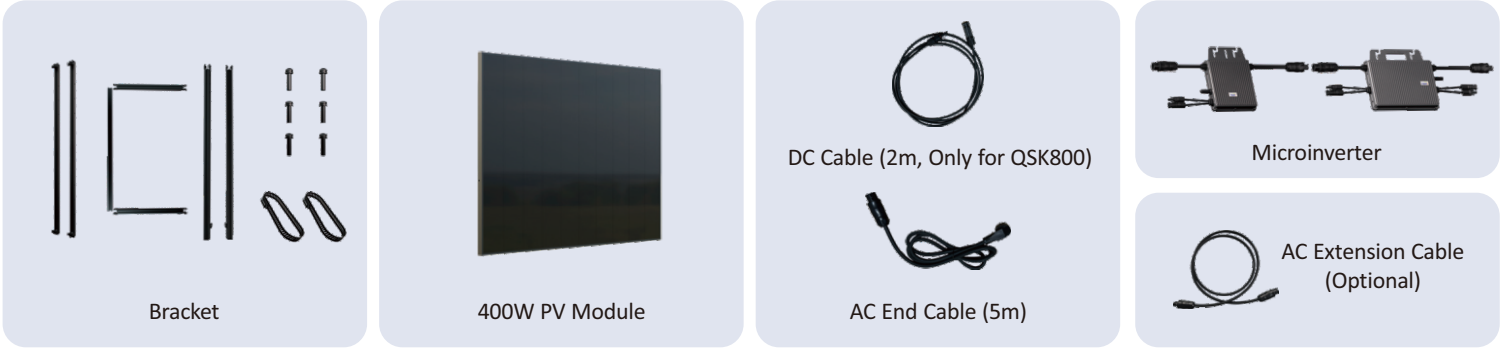
Ordering Information

Model		
Wall Angled	PLM-QSK400-WA	PERLIGHT QSK Wall Angled (400W Full black panel, Black bracket, Micro inverter MS400, end cable 5m and plug)
Wall Angled	PLM-QSK800-WA	PERLIGHT QSK Wall Angled (400W Full black panel*2, Black bracket*2, Micro inverter MS800, DC cable 2m*2, end cable 5m and plug)

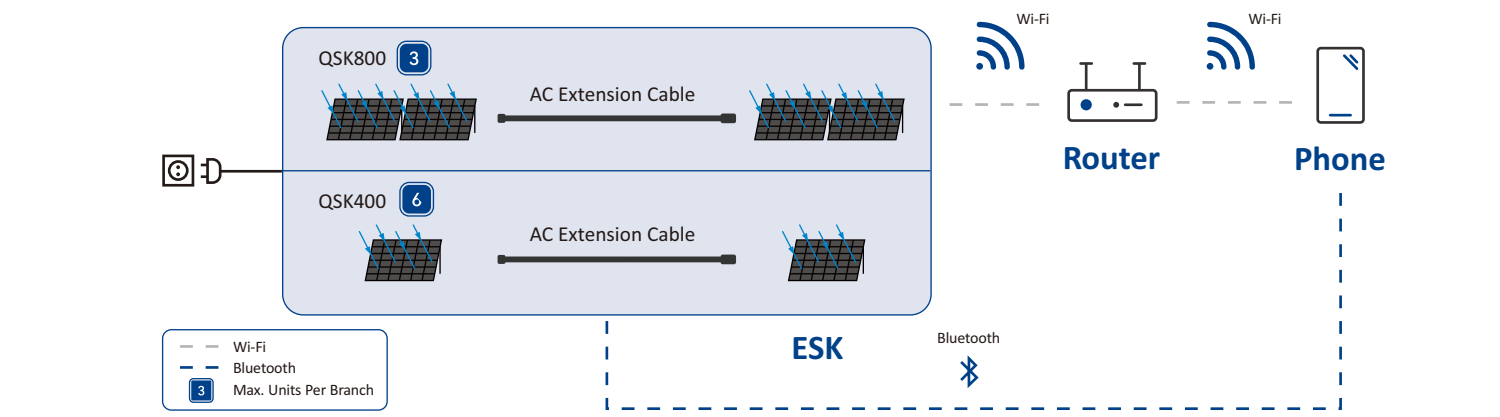
Application



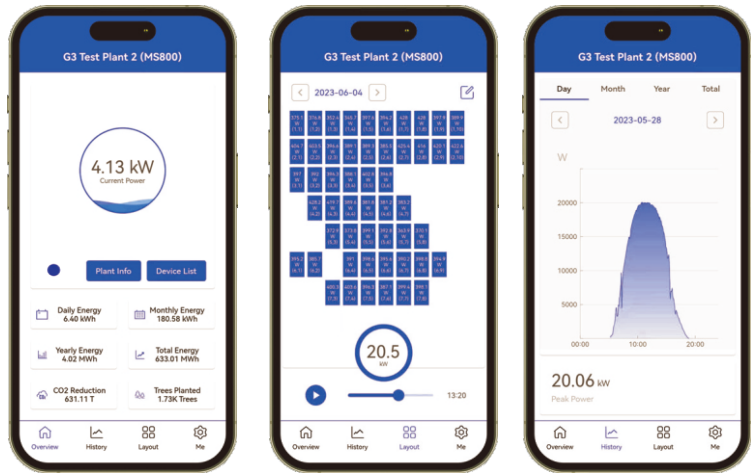
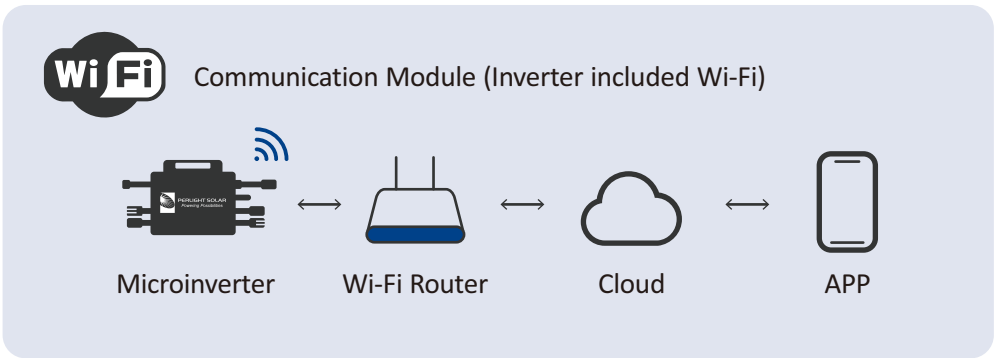
Standard Configuration



System Diagram



Monitoring Platform



Talent Home is an **energy monitoring mobile application software**.

Users can use Talent Home to monitor the real-time operation of the entire pv power generation system.

- Monitor Generation Data of Solar Plant
- One-button to Connect Network
- Power Generation Statistics
- Module-level Monitoring System
- Fast Network Configuration