

**ENERGIZING
BETTER WORLD**



WXS^{PRO}

3-6KP

SINGLE PHASE 2MPPTS



Peak Efficiency
98.1%



Max.DC Overload
150%



Aluminum Alloy
Die Casting



Easy to Install and
Service



MES + FCT + CRM
Infrastructure

W^{OXEN}[®]

UNITED KINGDOM

WXS^{PRO}

MODEL	WPS-3000P	WPS-3680P	WPS-4000P	WPS-4600P	WPS-5000P	WPS-6000P
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PV INPUT						
Max.PV Power / W	4500	5400	6000	7000	7500	9000
Max.Input Voltage / V	600					
Start Up Voltage / V	40					
Min.Operating Voltage / V	50					
Nominal Input Voltage / V	360					
MPPT Voltage Range / V	50-550					
Max. Input Current / V	16/16					
Max. Short Current / A	20/20					
No. Of MPPTs	2					
No. Strings Per MPPT	1					

AC OUTPUT						
Rated AC Power / W	3000	3680	4000	4600	5000	6000
Max. Apparent AC Power / VA	3300	3680	4400	4600	5500	6600
Rated Grid Voltage(AC voltage range) / V	220/230/240					
Rated Grid Frequency / Hz	50/60					
Max. AC Output Current / A	14.3	16.0	19.1	20.0	23.9	28.7
Displacement Power Factor	0.8 leading - 0.8 lagging					
Total Harmonic Distortion(THDi, rated power)	<3%					
Grid Connection	L/N/PE					

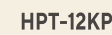
EFFICIENCY						
MPPT Efficiency	>99.9%					
Max. Efficiency	98.1%	98.1%	98.1%	98.1%	98.1%	98.1%
Euro Efficiency	97.4%	97.4%	97.5%	97.5%	97.5%	97.5%

PROTECTION						
Anti-islanding Protection	Integrated					
PV String Input Reverse Polarity Protection	Integrated					
Insulation Resistor Detection	Integrated					
Residual Current Monitoring Unit	Integrated					
Output Over Current Protection	Integrated					
Output Short Protection	Integrated					
Over Voltage Protection	Integrated					
Surge Protection	Integrated, DC Type II/ AC Type II					
AFCI	Opt					
24H Online Monitoring	Opt					

GENERAL DATA						
Dimensions(W*H*D) / mm	366*276*133	Operating Ambient Temperature Range / °C		-30~+60		
Weight / Kg	8.2	Allowable Relative Humidity Range / %		0-100		
User Interface	LCD&LED	Max. Operating Altitude / m		3000 (>3000 derating)		
DC Connection Type	D4 (MC4, SUNCLIX, H4 optional)	Degree Of Protection		IP66		
AC Connection Type	Plug-in connector	Climatic Category (IEC 60721-3-4)		4K4H		
Communication	RS485/WiFi/4G/LAN(Opt)	Topology		No-isolated		
Cooling Method	Natural	Power Consuption At Night / W		<1(Without night monitoring), <6(With night monitoring)		

STANDARD						
Safety	IEC62109-1/ICE62109-2 / IEC61727					
EMC	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3					
Cetification	EN50549/VDE4105/RD1666/CEI-10					

WXT^{PRO}
3-15KP
THREE PHASE 2MPPTS



WOXEN[®]
UNITED KINGDOM

MODEL	WPT-3000P	WPT-4000P	WPT-5000P	WPT-6000P	WPT-8000P	WPT-10KP	WPT-12KP	WPT-15KP
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PV INPUT								
Max.PV power / W	4500	6000	7500	9000	12000	15000	18000	22500
Max.Input Voltage / V	1000							
MPP Voltage Range / V	150-850							
Start Up Voltage / V	180							
Rated Input Voltage / V	620							
Min.Operating Voltage / V	150							
Max. Input Current / A	16/16							
Max. Short Circuit Current / A	20/20							
No. of MPPTs/No. strings per MPPT	2/1							

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Anti-islanding Protection	Integrated
PV String Input Reverse Polarity Protection	Integrated
Insulation Resistor Detection	Integrated
Residual Current Monitoring Unit	Integrated
Output Over Current Protection	Integrated
Output Short Circuit Protection	Integrated
Over Voltage Protection	Integrated
Surge Protection	DC Type II/ AC Type II
AFCI	Optional
24H Online Monitoring	Optional

Dimensions(W*H*D)/mm	465*352*130							
Weight/Kg	11.7	11.7	11.7	11.7	11.7	11.7	12.0	12.0
User interface	LCD&LED							
PV Connection Type	MC4 (D4, SUNCLIX, H4 optional)							
AC Connection Type	Plug-in connector							
Communication With Cloud	RS485/WiFi/4G/LAN(Opt)							
Cooling Method	Natural	Natural	Natural	Natural	Natural	Natural	Smart Cooling Concept	
Operating Ambient Temperature / °C	-30 ~ +60							
Relative Humidity/%	0-100							
Max. operating altitude/m	2000 (>2000 derating)							
Protection Class	IP66							
Climatic Category (IEC 60721-3-4)	4K4H							
Topology	Transformerless							
Night Consumption / W	<1 (Without night monitoring), <6 (With night monitoring)							

EVERYTHINGS

WXT^{PRO}
20-30KP
THREE PHASE 2MPPTS



Peak Efficiency
98.5%



PV Oversizing
150 %



Maximum 16A PV
Input Current



Optional AFCI
Function



Protection Class
IP66

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WXT^{PRO}

MODEL	WPT-20KP	WPT-25KP	WPT-30KP
PV INPUT			
Max.PV power / W	30000	37500	45000
Max. input voltage / V	1100	1100	1100
Start up voltage / V	180	180	180
Min.operating voltage / V	150	150	150
Nominal input voltage / V	620	620	620
MPPT voltage range / V	150~1000	150~1000	150~1000
Max. input current / V	16+16/16+16	16+16/16+16	16+16/16+16
Max. short current / A	20+20/20+20	20+20/20+20	20+20/20+20
No. of MPPTs	2	2	2
No. strings per MPPT	2	2	2
AC OUTPUT			
Rated AC power / W	20000	25000	30000
Max. apparent AC power / VA	22000	27500	33000
Rated grid voltage(AC voltage range) / V	220/380;230/400	220/380;230/400	220/380;230/400
Rated grid frequency / Hz	50/60	50/60	50/60
Max. AC output current / A	31.9	39.9	47.8
Displacement power factor	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging
Total harmonic distortion(THDi, rated power)	<3%	<3%	<3%
Grid connection	3L-N-PE	3L-N-PE	3L-N-PE

EFFICIENCY			
MPPT efficiency	>99.9%	>99.9%	>99.9%
Max. efficiency	98.60%	98.60%	98.60%
Euro efficiency	98.20%	98.20%	98.20%

PROTECTION FUNCTION					
Anti-islanding protection	Integrated	Output over current protection	Integrated	24H online monitoring	Opt
PV string input reverse polarity protection	Integrated	Output short protection	Integrated	AFCI	Opt
Insulation resistor detection	Integrated	Over voltage protection	Integrated		
Residual current monitoring unit	Integrated	Surge protection	Integrated, DC Type II / AC Type II		

GENERAL DATA			
Dimensions (W*H*D) / mm	487*351*168		
Weight / Kg	18.7	18.7	20
User Interface	LCD&LED		
DC Connection Type	MC4 (D4, SUNCLIX, H4 optional)		
AC Connection Type	Plug-in connector		
Communication	RS485/Wi-Fi/4G/LAN (optional)		
Cooling Method	Smart Cooling Concept		
Operating Ambient Temperature Range/ °C	-30~ +60		
Allowable Relative Humidity Range / %	0-100		
Max. Operating Atitude / m	3000 (>2000 derating)		
Degree of Protection	IP66		
Climatic Category (IEC 60721-3-4)	4K4H		
Topology	No-isolated		
Night Consumption / W	<1 (Without night monitoring), <6 (With night monitoring)		

EVERYTHINGS

WXT^{PRO}
30-50KP
THREE PHASE 2MPPTS



Peak Efficiency
98.8 %



Max. DC Overload
50 %



MES + FCT + CRM
Infrastructure



Easy to Install and
Service

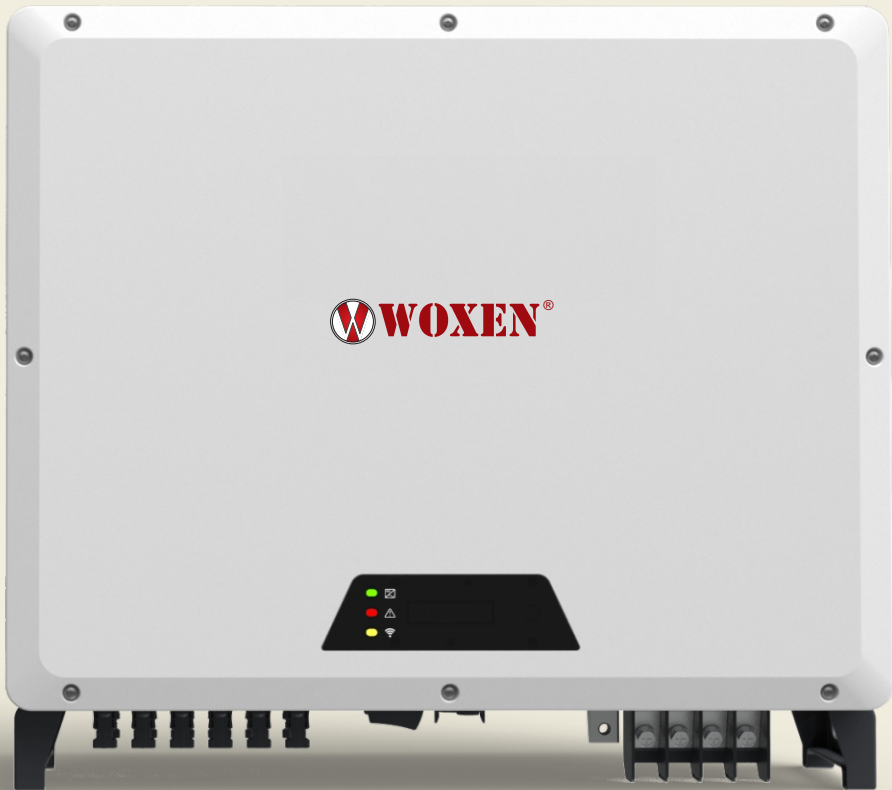
WOXEN[®]
UNITED KINGDOM

WXT

MODEL	WPT-30K	WPT-33K	WPT-36K	WPT-40K	WPT-50K
PV INPUT					
Max.PV Power / W	49500	49500	54000	60000	65000
Max. Input Voltage / V	1100	1100	1100	1100	1100
MPP Voltage Range/ V	150-1000	150-1000	150-1000	150-1000	150-1000
Start Up Voltage / V	150	150	150	150	150
Rated Input Voltage /V	620	620	620	620	620
Max. Input Current / A	30/30/30	30/30/30	30/30/30	30/30/30/30	30/30/30/30
Max. Short Circuit Current / A	45/45/45	45/45/45	45/45/45	45/45/45/45	45/45/45/45
No. of MPPTs/No. Strings Per MPPT	3/2	3/2	3/2	4/2	4/2
AC OUTPUT					
Rated Power / W	30000	33000	36000	40000	50000
Max. Apparent Power / VA	33000	36300	39600	44000	55000
Rated Grid Voltage / V	380/400	380/400	380/400	380/400	380/400
Grid Connection	3L-N-PE or 3L-PE	3L-N-PE or 3L-PE	3L-N-PE or 3L-PE	3L-N-PE or 3L-PE	3L-N-PE or 3L-PE
Rated Grid Frequency / Hz	50/60	50/60	50/60	50/60	50/60
Max. Output Current / A	50	55	60	66.7	80
Power Factor	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap
TH Di @ Rated Power	<3%	<3%	<3%	<3%	<3%
EFFICIENCY					
Max. Efficiency	98.7%	98.7%	98.7%	98.7%	98.8%
Euro. Efficiency	98.3%	98.3%	98.3%	98.3%	98.4%
MPPT Efficiency	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
PROTECTION FUNCTION					
Anti-Islanding Protection	Integrated				
PV String Input Reverse Polarity Protection	Integrated				
Insulation Resistance Detection	Integrated				
Residual Current Monitoring Unit	Integrated				
Output Over Current Protection	Integrated				
Output Short Circuit Protection	Integrated				
Over Voltage Protection	Integrated				
Surge Protection	DC: Type II /AC: Type II				
GENERAL DATA					
Dimensions (W*H*D) / mm	580*435*242				
Weight / kg	38	38	38	40	40
User Interface	LCD&LED				
PV Connection Type	MC4 (D4, SUNCLIX, H4 optional)				
Communication with Cloud	RS485/Wi-Fi/4G/LAN (optional)				
Cooling Method	Smart Fan Cooling				
Operating Ambient Temperature / °C	-25 ~ +60				
Relative Humidity / %	0-100				
Max. Operating Altitude / m	2000 (>2000 Derating)				
Protection Class (IEC 60529)	IP65				
Climatic Category (IEC 60721-3-4)	4K4H				
Topology	Transformerless				
Night Consumption / W	<1				

EVERYTHINGS

WXT^{PRO}
60-80KP
THREE PHASE 2MPPTS



Peak Efficiency
98.7 %



PV Oversizing
150 %



Type II SPD for both
DC and AC



Optional AFCI
Function



Protection Class
IP66

WOXEN[®]
UNITED KINGDOM

WXT

MODEL	WPT-30K	WPT-70K	WPT-75K	WPT-80K
PV INPUT				
Max.PV Power / W	90000	105000	112500	120000
Max. Input Voltage / V	1000	1000	1000	1000
Min. DC Voltage / Start Up Voltage / V	150/180	150/180	150/180	150/180
Nominal DC-Input Voltage / V	620	620	620	620
MPP Voltage Range / V	150-950	150-950	150-950	150-950
Full Load MPP Voltage Range / V	330-800	375-800	400-800	420-800
Max. Input Current / A	6*32	6*32	6*32	6*32
Max. DC Short Circuit Current / A	6*50	6*50	6*50	6*50
No. of Independent MPPT Inputs	6	6	6	6
No. of PV Strings per MPPT	2	2	2	2
AC OUTPUT				
Rated Power / kW	60	70	75	80
Max. Apparent AC Power / VA	66	77	82.5	88
Rated Grid Voltage / Vac	220/380;230/400	220/380;230/400	220/380;230/400	220/380;230/400
Rated Power Frequency / Hz	50/60	50/60	50/60	50/60
Max. Output Current / A	100.3	117.0	125.3	133.7
Power Factor	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging
THDi @ Rated Power	<3%	<3%	<3%	<3%
Grid Connection	3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE

EFFICIENCY				
MPPT Efficiency	>99.9%	>99.9%	>99.9%	>99.9%
Max. Efficiency	98.70%	98.70%	98.70%	98.70%
Euro. Efficiency	98.40%	98.40%	98.40%	98.40%

PROTECTION FUNCTION					
Anti-Islanding Protection	Integrated	Output Over Current Protection	Integrated	IV Curve Scanning	Integrated
Input Reverse Polarity Protection	Integrated	Output Short Circuit Protection	Integrated	24H Online Monitoring	Opt
Insulation Resistance Detection	Integrated	Ground Fault Monitoring	Integrated	AFCI	Opt
Residual Current Monitoring	Integrated	PV String Monitoring	Integrated	Over Voltage Protection	DC:II / AC:III
				Surge Protection	DC Type II, AC Type II

GENERAL DATA	
Dimensions (W*H*D) / mm	677*539*281
Weight / Kg	57.3
User Interface	LCD&LED or LED
PV Connection Type	MC4
AC Connection Type	OT Terminal
Communication	RS485/Wi-Fi/4G/LAN (optional)
Cooling Method	Smart Fan Cooling
Operating Ambient Temperature / °C	-30 ~ +60
Relative Humidity / %	0-100
Max. Operating Altitude / m	3000 (>3000 derating)
Protection Class	IP66
Climatic Category (IEC 60721-3-4)	4K4H
Topology	No-isolated
Night Consumption / W	<2

STANDARD	
Safety	IEC62109-1/ICE62109-2 / IEC61727
EMC	EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3
Cetification	CQC/EN50549/NBR 16149

STORAGE

WXS^{LV}

3-6K
SINGLE PHASE HYBRID



PV Ratio Up to
2.0



Grid
Independence



Shadow Scan
Algorithm



String-level Monitoring
via HYPON.CLOUD



UNITED KINGDOM

WXS ^{MODEL}			WPS-3000	WPS-3680	WPS-4000	WPS-5000	WPS-6000
PV INPUT							
Max. PV Power / W	HES-3000	6000	Max.Input Voltage / V		600	Max. Short Circuit Current / A	
	HES-3680	7360	Start Up Voltage / V		70	No. of MPPTs/No. Strings Per MPPT	
	HES-4000	8000	MPP Voltage Range / V		80-550		
	HES-5000	10000	Rated Input Voltage / V		360		
	HES-6000	12000	Max. Input Current / A		16/16		
BATTERY INPUT							
Battery type		Lithum/Lead-Acid			Rated Battery Voltage [V]		
Input voltage range[V]		40-60			Max.Charging/Discharging voltage [V]		
Max.charging/discharging current[A]	HES-3000 HES-3680		70		Charging strategy for Li-ion battery		
	HES-4000		80		Charging strategy for lead-acid battery		
	HES-5000 HES-6000		120		Temperature sensor		
AC OUTPUT							
Rated Power / W		3000	3680	4000	5000	6000	
Max. Apparent Power / VA		3300	4048	4400	5500	6600	
Max. Apparent Power from Grid / VA		6600	8096	8800	10000	10000	
Rated Grid Voltage / V		220/230/240	220/230/240	220/230/240	220/230/240	220/230/240	
Rated Grid Frequency / Hz		50/60	50/60	50/60	50/60	50/60	
Rated Output Current / A		13.0	16.0	17.4	21.7	26.1	
Max. Output Current / A		14.3	17.6	19.1	23.9	28.7	
Max. Current from Grid / A		28.7	35.2	38.3	40.0	40.0	
Power Factor		0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	
THDi @ Rated Power		<3%	<3%	<3%	<3%	<3%	
Grid Connection		L-N-PE	L-N-PE	L-N-PE	L-N-PE	L-N-PE	
AC OUTPUT (BACK-UP)							
Rated Power / W		3000	3680	4000	5000	6000	
Rated Output Voltage / V		230	230	230	230	230	
Rated Output Frequency / Hz		50/60	50/60	50/60	50/60	50/60	
Peak Output Apparent Power / VA		2 times of rated power for 3000-4000W@10s; 1.5 times for 5000-6000W@10s					
Rated Output Current / A		13.0	16.0	17.4	21.7	26.1	
Switch Time / ms		<10	<10	<10	<10	<10	
THDV@ Rated Power		<2%	<2%	<2%	<2%	<2%	
EFFICIENCY							
MPPT Efficiency	99.90%	Max. Efficiency		98.00%	Charged Efficiency@PV-Battery		
Euro Efficiency		97.60%			Charged/Discharged Efficiency@Battery<->Grid/Load		
PROTECTION							
Anti-Islanding Protection	Integrated	Output Over Circuit Protection		Integrated	Battery Reverse Protection		
PV String Input Reverse Polarity Protection	Integrated	Output Short Circuit Protection		Integrated	Battery Terminal Temp Protection		
Insulation Resistor Detection	Integrated	Over Voltage Protection		Integrated			
Residual Current Monitoring Unit	Integrated	Surge Protection		DC Type II, AC Type III			
GENERAL DATA							
Dimensions (W*H*D) / mm		455*365*182			Communication with Meter		
Weight / kg		18.4			Operating Ambient Temperature / °C		
User Interface		LCD&LED			Allowable Relative Humidity Range / %		
PV Connection Type		MC4			CT Connection Type		
AC Connection Type		OT Terminal + Shell			Max. Operating Altitude / m		
Battery Connection Type		Plug-in			Degree of Protection		
Communication with Cloud		RS485/Wi-Fi/4G/LAN (optional)			Climatic Category (IEC 60721-3-4)		
Communication with BMS		CAN/RS485			Topology		
Cooling Method		Natural Cooling			Night Consumption / W		
					<5		
					Max. Parallel Number		
					9		

STORAGE

WXT^{LV}
5-15K
THREE PHASE HYBRID



Peak Efficiency
98.5 %



Max. DC Overload
50 %



Aluminum Alloy
Die Casting



MES + FCT + CRM
Infrastructure



Easy to Install and
Service



Energy
Management



WXT

MODEL	WHT-5000	WHT-6000	WHT-8000	WHT-10000	WHT-12000	WHT-15000
AC OUTPUT/INPUT						
Rated Power / W	5000	6000	8000	10000	12000	15000
Max. Apparent Power / VA	5500	6600	8800	11000	13200	16500
Rated Active Power from Grid / W	10000	12000	15000	15000	18000	20000
Max. Apparent Power from Grid / VA	11000	13200	16500	16500	20000	22000
Rated Grid Voltage / V	380/400	380/400	380/400	380/400	380/400	380/400
Grid Connection	3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE
Rated Grid Frequency / Hz	50/60	50/60	50/60	50/60	50/60	50/60
Max. Output Current / A	8.5	10.0	13.5	16.0	20.0	24.0
Max. Current From Grid / A	17.0	20.0	23.0	23.0	29.0	29.0
Power Factor	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap
THDi @ Rated Power	<3%	<3%	<3%	<3%	<3%	<3%

AC OUTPUT (BACK-UP)						
Rated Output Power / W	5000	6000	8000	10000	12000	12000
Peak Apparent Output Power / VA	10000	12000	15000	15000	15000	15000
Rated Output Voltage / V	380/400	380/400	380/400	380/400	380/400	380/400
Rated Output Frequency / Hz	50/60	50/60	50/60	50/60	50/60	50/60
Max. Output Current / A	8.5	10.0	13.5	16.0	20.0	20.0
Auto Switch Time / ms	<10	<10	<10	<10	<10	<10
THDV@Linear Load	<3%	<3%	<3%	<3%	<3%	<3%

EFFICIENCY						
Max. Efficiency	98.0%	98.0%	98.2%	98.2%	98.2%	98.5%
Euro Efficiency	97.3%	97.3%	97.3%	97.4%	97.4%	97.5%
MPPT Efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Charging Efficiency© PV-> Battery	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%
Charging/Discharging Efficiency @ Battery<->Grid/Load	97.6%	97.6%	97.6%	97.6%	97.6%	97.6%

BATTERY INPUT						
Battery Type	Li-ion		Max. Charging/Discharging Current / A		25/25	
Battery Voltage Range / V	160-800		Charging Strategy for Li-Ion Battery		Self-adaption to BMS	

PV INPUT								
Max. PV Power / W	HHT-5000	7500	Max. Input Voltage / V		1000	Max. Short Circuit	HHT-5000 – 12000	20/20
	HHT-6000	9000	MPP Voltage Range / V		150–850		Current / A	HHT-15000
	HHT-8000	12000	Start Up Voltage / V		145	No. of MPPTs/ No. Strings Per MPPT		HHT-5000 – 12000
	HHT-10000	15000	Rated Input Voltage / V		620			
	HHT-12000	18000	Max. Input Current / A	HHT-5000 – 12000	15/15			
	HHT-15000	18000		HHT-15000	30/15		HHT-15000	

PROTECTION FUNCTION						
Anti-Islanding Protection	Integrated		Residual Current Monitoring	Integrated		Over Voltage Protection
PV String Input Reverse Polarity Protection	Integrated		Output Over Current Protection	Integrated		Surge Protection
Insulation Resistance Detection	Integrated		Output Short Circuit Protection	Integrated		Battery Reverse Polarity Protection

GENERAL DATA												
Dimensions (W*H*D) / mm			425*346*200		AC Connection Type		Plug-in Connector		Operating Ambient Temperature / °C		-25 ~ +60	
Weight / kg	HHT-5000 - 12000		21.1		Communication with Cloud		RS485/Wi-Fi/4G/LAN		Relative Humidity / %		0-100	
	HHT-15000		23				(optional)		CT Connection Type		Plug-in Connector	
Noise Emission (Typical) / dB(A)			40		Communication with BMS		CAN,RS485		Max. Operating Altitude / m		2000 (>2000 Derating)	
User Interface			LED/LCD		Communication with Meter		RS485		Climatic Category (1 EC 60721-3-4)		4K4H	
PV Connection Type			MC4		Cooling Method	HHT-5000 - 12000	Natural Cooling		Protection Class	IP65	Topology	Transformerless
Battery Connection Type			SUNCLIX			HHT-15000	Smart Cooling Concept		Night Consumption / W		<13	

DATA LONGER

WM



- 

Intelligent Energy Management
- 

Quick and Easy Installation
- 

24/7 Real-Time Consumption Monitoring
- 

Cloud Data Transmission

WXT

MODEL	WM-2000E
POWER ADAPTER	
Input Voltage Range / V	95-265
Frequency / Hz	50/60
Output Voltage / V	12
Output Current / A	0.8
PERFORMANCE PARAMETER	
Data Transfer Interval	5 mins (5mins is default value, adjustable)
Numbers of Microinverters Directly Connected via WiFi	8
Numbers of Microinverters Connected via WiFi-Mesh	36 or more
HARDWARE	
Wire Communication	RS485 X 2
Wireless Module	Wi-Fi
Max. distance (Free Space)	30m (Max. straight-line distance between 2 devices)
Enthernet Interface	LAN (100Mbps)
LED	3
Reset	1
GENERAL DATA	
Dimensions (W*H*D) / mm	100*40*150
Weight / kg	0.3
Degree of Protection	IP20
Installation Method	Wall Mounted / Din-Rail
Operating Temp / °C	-20~+60
Storage Temp / °C	-30~+80

DATA LONGER

WM



Intelligent Energy
Management



Quick and Easy
Installation



24/7 Real-Time
Consumption Monitoring



Cloud Data
Transmission

WMT

MODEL	WM-2000D(4G)	WM-2000D(Wi-Fi)
POWER ADAPTER		
Input Voltage Range / V	95-265	95-265
Frequency / Hz	50/60	50/60
Output Voltage / V	12	12
Output Current / A	0.8	0.8
HARDWARE		
Data Transfer Interval	5 mins (5mins is default value, adjustable)	5 mins (5mins is default value, adjustable)
Manage Inverter Quantity	48	48
Inverter Communication	RS485x3	RS485x3
Wireless Module	4G/Wi-Fi	Wi-Fi
Enthernet Interface	LAN (100Mbps)	LAN (100Mbps)
Meter Interface	RS485 x 1	RS485 x 1
Environmental Detector	RS485 x 1	RS485 x 1
Digital Input Interface	6	6
Dry Contact Output	4	4
4G Card Interface	1	0
LED	6	5
Reset	1	1
GENERAL DATA		
Dimensions (W*H*D) / mm	240*228*57	240*228*57
Weight / kg	0.74	0.74
Protection Class	IP20	IP20
Installation Method	Wall Mounted/Din-Rail	Wall Mounted/Din-Rail
Operating Temp / °C	-20 ~ +60	-20 ~ +60
Storage Temp / °C	-30 ~ +80	-30 ~ +80

MONITOR MODULE

WED



Data Security



Remote Upgrade



Protection Class IP65



Quick and Easy Installation



Support Wi-Fi / 4G

WED

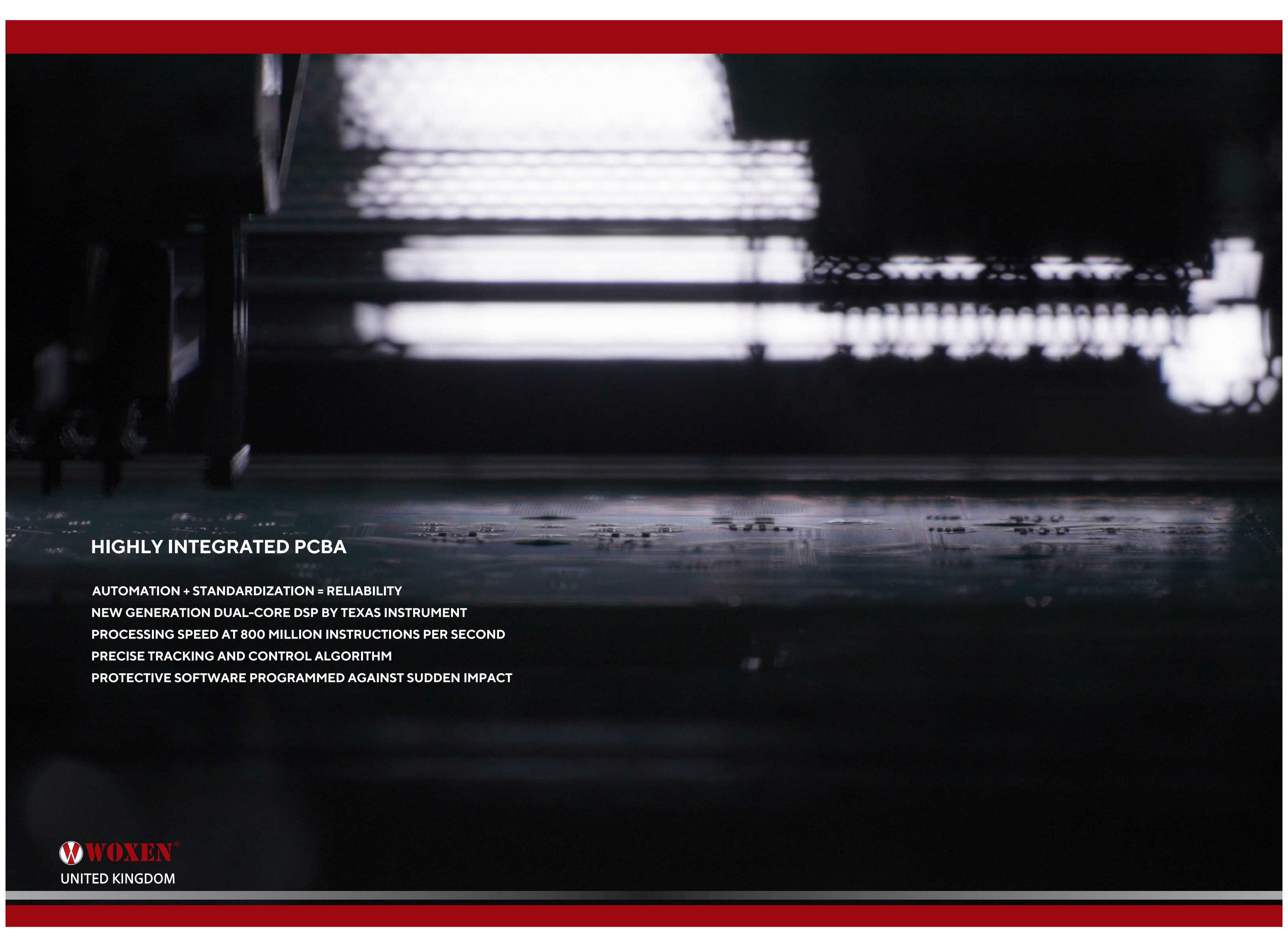
MODEL	WED-WF	WED-4G(CN)	WED-4G(EU)	WED-LAN
ELECTRICAL DATA				
Power Supply	DC 4.5 - 18V			
GENERAL DATA				
Max. Number of Inverters	1			
Inverter Communication Interface	RS485			
Antenna	Internal Integrated			
Enthernet Interface	/	/	/	LAN (100Mbps)
LED Indicator	1 (for Web Status)			
Serial Communicaiton Rate / bps	9600			
Communicaiton Distance / m	<=100	<=100	/	<=100
Data Intervals	5 Mins (0.5-5Mins can be adjusted)			
Parameters Setting	Bluetooth/Web/APP	Web/APP	Web/APP	Web/APP
Data Access	Web server			
ENVIRONMENTAL DATA				
Operating Temperature Range / °C	-20 ~ +60			
Operating Humidity	0 ~ 100%			
Storage Temperature Range / °C	-35 ~ +70			
Degree Of Protection	IP65			
MECHANICAL DATA				
Dimensions (W*H*D) / mm	93*46*28			
Weight / g	60			
OTHERS				
Flame Retardant Grade	UL94 V-0			
UV Protection Grade	F1			
Installation Method	Plug-in			
STANDARD				
Cetification	RED/FCC/CE/RoHS			

**FULL ALUMINUM
ALLOY DIE CASTING
IN ALL INVERTER PRODUCTS**

PEAK EFFICIENCY AT 60 AMBIENT TEMPERATURE

COMPACT & OPTIMAL COOLING DESIGN

IP66 PROTECTION CLASS



HIGHLY INTEGRATED PCBA

AUTOMATION + STANDARDIZATION = RELIABILITY

NEW GENERATION DUAL-CORE DSP BY TEXAS INSTRUMENT

PROCESSING SPEED AT 800 MILLION INSTRUCTIONS PER SECOND

PRECISE TRACKING AND CONTROL ALGORITHM

PROTECTIVE SOFTWARE PROGRAMMED AGAINST SUDDEN IMPACT

EVERYTHINGS
TOP TIER COMPONENTS

