PARAMETER TABLE

@230VAC 4.3A 5A 5.25A 5.86A 5.95A Nominal Output Voltage 120VAC / 230VAC 230VAC 120VAC / 200VAC	Model		MaySun1100	MaySun1200	MaySun1300	MaySun1400	MaySun1500
Tele Colspan="4">Z8V-55V Geration Voltage Range Z8V-55V Geration Voltage Range Geration Voltage Range Set Colspan="4">Colspan="4" <colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4">Colspan="4"<colspan="4"<colspan="4"<colspan="4"<colspan="4"<colspan="4"<colspan="4"<colspan="< td=""><td colspan="2">Input Data(DC,PV)</td><td>,</td><td></td><td></td><td></td><td></td></colspan="4"<colspan="4"<colspan="4"<colspan="4"<colspan="4"<colspan="4"<colspan="<></colspan="4"></colspan="4"></colspan="4"></colspan="4"></colspan="4"></colspan="4"></colspan="4"></colspan="4"></colspan="4">	Input Data(DC,PV)		,				
	Number of Input MC4 Connector		4 sets				
	MPPT Voltage Range		28V-55V				
Maximum Input Power4*275W4*300W4*325W4*350W4*375WMaximum Input Current4*10A4*11.66A4*13.33A4*15.33A4*16.66AOutput Data(AC)55554*300W4*15.33A4*16.66AOutput Data(AC)100W1100W1200W1350W1450W1450WMaximum Output Power1080W1100W1200W1300W1400W1500WMaximum Output Power100W2200W3.52A5.86A5.95ANominal Output Voltage120VAC8.75A9.58A5.25A5.86A5.95ANominal Output Voltage Rarge6120VAC8.75A5.95A5.95A5.95ANominal Output Voltage Rarge $(120VAC: 9.5V-160V/230VAC: 180V-280V-280V-280VAC12.16APower Factor(120VAC: 9.5V-160V/230VAC: 180V-280V-280V-280VAC12.16APower Factor(120VAC: 9.5V-160V/230VAC: 180V-280V-280V-280VAC12.16APak Efficiency95%(120VAC: 9.5V-160V/230VAC: 9.5V-160V/230VAC: 180V-280VACPeak Efficiency99.98(120VAC: 9.5V-160V/230VAC: 9.5V-160V/230VAC: 9.5V-160V/230VACNominal MPU Efficiency99.98(100VAC: 9.6VC) + 16VCV/200VAC: 9.5V-160V/200VACNominal MPU Efficiency99.98(100VAC: 9.6VC) + 16VCV/200VAC: 9.5V-160V/200VAC: 9.5V-160V/200VACNominal Mot Efficiency99.98(100VAC: 9.6VC) + 16VCV/200VAC: 9.5V-160V/200VAC: 9.5V-160V/200VAC: 9.5V-160V/200VAC: 9.5V-160V/200VAC: 9.5V-160V/200VAC: 9.5V-160V/200V/200VAC: 9.5V-160V/200VAC: 9.5V-$	Operation Voltage Range		20V-60V				
Namina Input Power 4*275W 4*300W 4*325W 4*350W 4*375W Maximun Input Current 4*10A 4*11.66A 4*13.33A 4*15.33A 4*16.66A Output Data(AC) 5 5 5 4*10.00 1350W 1350W 1450W Rated Output Power 1080W 1150W 1200W 1300W 1450W Maximum Output Power 1080W 1200W 1300W 1400W 1500W Maximum Output Power 1100W 1200W 1300W 1400W 1500W Maximum Output Vourent @120VAC 8.75A 9.58A 10.16A 11.25A 12.16A Mominal Output Voltage Range @120VAC: 80.V-160V / @230VAC: 180V-280V 5.95A 10.16A 11.25A 12.16A Default Output Frequency Range @50HZ: 47.5HZ-52.5HZ / @60HZ: 57.5HZ-62.5HZ 5.95A 10.16A 11.25A 12.16A Default Output Frequency Range @50HZ: 47.5HZ-52.5HZ / @60HZ: 57.5HZ-62.5HZ 5.95A 10.16A 11.25A 12.16A Default Output Frequency Range @5120VAC: 92.5W <td< td=""><td colspan="2">Maximum Input Voltage</td><td colspan="5">60V</td></td<>	Maximum Input Voltage		60V				
$\begin{tabular}{ c $	Startup Voltage		20V				
Output Data (AC)Single-Phase Grid Type1080W1150W1250W1350W1450WRated Output Power1100W1200W1300W1400W1500WMaximum Output Power1080W1250W1350W1450WNominal Output Current@120VAC8.75A9.58A10.16A11.25A12.16A@230VAC4.3A5A5.25A5.86A5.95ANominal Output Voltage"200VAC' 200VAC' 200VAC' 180V-280VDefault Output Voltage Range@120VAC: 80V-160V / @230VAC: 180V-280VNominal Output Frequency Range@120VAC: 80V-160V / @230VAC: 17.5Hz-52.5Hz / 60HzDefault Output Frequency Range@55Hz: 47.5Hz-52.5Hz / 60HzPower Factor>0.99Total Harmonic DistortionTHD <5%	Maximum Input Power		4*275W	4*300W	4*325W	4*350W	4*375W
IDENTIFY I	Maximum Input Current		4*10A	4*11.66A	4*13.33A	4*15.33A	4*16.66A
Rated Output Power1080W1150W1250W1350W1450WMaximum Output Power1100W1200W1300W1400W1500WNominal Output Current@120VAC8.75A9.58A10.16A11.25A12.16A@230VAC4.3A5A5.25A5.86A5.95ANominal Output Voltage $@230VAC$ 4.3A5A5.25A5.86A5.95ADefault Output Voltage Range $@120VAC: 80V-160V / @230VAC: 180V-280V - 280V -$	Output Data(AC)						
$\begin the temperature for temperature for the temperature for temperature for the temperature for temperature f$	Single-Phase Grid Type		120V / 230V				
Nominal Output Current $\begin{array}{ c c c c } @ 230VAC \begin{array}{ c c } & 8.75A \\ @ 230VAC \begin{array}{ c c } & 8.75A \\ @ 230VAC \begin{array}{ c } & 9.58A \\ \hline & 5.25A \\ \hline & 5.86A \\ \hline & 5.86A \\ \hline & 5.95A \\ \hline & 5.86A \\ \hline & 5.95A \\ \hline & 5.95A \\ \hline & 5.86A \\ \hline & 5.86A \\ \hline & 5.95A \\ \hline & 5.86A \\ $	Rated Output Power		1080W	1150W	1250W	1350W	1450W
Nominal Output Current $@230VAC4.3A5A5.25A5.86A5.95ANominal Output VoltageDefault Output Voltage RangeClospan="6">Clospan="6"Nominal Output Voltage RangeClospan="6">Clospan="6"Clospan="6">Clospan="6"<$	Maximum Output Power		1100W	1200W	1300W	1400W	1500W
@230VAC 4.3A 5A 5.25A 5.86A 5.95A Nominal Output Voltage 120VAC / 230VAC 230VAC 120VAC / 200VAC 120VAC / 230VAC 120VAC / 200VAC 120VAC / 200VAC 120VAC / 230VAC 120VAC / 200VAC	Nominal Output Current	@120VAC	8.75A	9.58A	10.16A	11.25A	12.16A
Default Output Voltage Range@120VAC: 80V-160V / @230VAC: 180V-280VNominal Output FrequencyG050Hz: 47.5Hz-62.5HzDefault Output Frequency Range@50Hz: 47.5Hz-52.5Hz / @60Hz: 57.5Hz-62.5HzPower Factor>0.99Total Harmonic DistortionTHD <5%		@230VAC	4.3A	5A	5.25A	5.86A	5.95A
Nominal Output FrequencyS0Hz / 60HzDefault Output Frequency Range@50Hz : 47.5Hz-52.5Hz / @60Hz : 57.5Hz-62.5HzPower Factor>0.99Total Harmonic DistortionTHD <5%	Nominal Output Voltage		120VAC / 230VAC				
Instruction Image: Construction Default Output Frequency Range @50Hz : 47.5Hz-52.5Hz / @60Hz : 57.5Hz-62.5Hz Power Factor N.99 Total Harmonic Distortion THD <5%			@120VAC:80V-160V / @230VAC:180V-280V				
Power Factor>0.99Total Harmonic DistortionTHD <5%	Nominal Output Frequency		50Hz / 60Hz				
Total Harmonic Distortion THD <5%	Default Output Frequency Range		@50Hz:47.5Hz-52.5Hz / @60Hz:57.5Hz-62.5Hz				
Efficiency 95% Peak Efficiency @120VAC : 92.5% / @230VAC : 93.5% Nominal MPPT Efficiency 99.9% Nominal MPPT Efficiency 99.9% Nechanical Data Operating Ambient Temperature Range -40°C to +65°C Storage Temperature Range -40°C to +85°C Dimensions (W x H x D) 35.3cm x 28.3cm x 10.8cm Weight 2.5kg Max Current of AC Bus Cable 40A Vaterproof Grade Ip65 Cooling Mode Natural Convection - No Fan Other Features Communication WIFI With Cloud Monitoring Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection, etc.			>0.99				
Peak Efficiency95%CEC Weighted Efficiency@120VAC:92.5% / @230VAC:93.5%Nominal MPPT Efficiency99.9%Night Power Consumption<700mW	Total Harmonic Distortion		THD <5%				
CEC Weighted Efficiency@120VAC:92.5% / @230VAC:93.5%Nominal MPPT Efficiency99.9%Night Power Consumption<700mW	Efficiency						
Nominal MPPT Efficiency99.9%Night Power Consumption<700mW	Peak Efficiency		95%				
Night Power Consumption <700mW	CEC Weighted Efficiency		@120VAC:92.5% / @230VAC:93.5%				
Mechanical Data -40°C to +65°C Operating Ambient Temperature Range -40°C to +85°C Storage Temperature Range -40°C to +85°C Dimensions (W x H x D) 35.3cm x 28.3cm x 10.8cm Weight 2.5kg Max Current of AC Bus Cable 40A Waterproof Grade Ip65 Cooling Mode Natural Convection - No Fan Other Features - Communication WIFI With Cloud Monitoring Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Nominal MPPT Efficiency		99.9%				
Operating Ambient Temperature Range-40°C to +65°C -40°C to +85°CStorage Temperature Range-40°C to +85°CDimensions (W x H x D)35.3cm x 28.3cm x 10.8cmWeight2.5kgMax Current of AC Bus Cable40AWaterproof GradeIp65Cooling ModeNatural Convection - No FanOther FeaturesImage: Convection - No FanCommunicationWIFI With Cloud MonitoringTransformer DesignHigh Frequency Transformers, Galvanically IsolatedIntegrated GroundEquipment ground is provided by the PE in the AC cable. No additional ground is required. Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection, etc.	Night Power Consumption		<700mW				
Storage Temperature Range -40°C to +85°C Dimensions (W x H x D) 35.3cm x 28.3cm x 10.8cm Weight 2.5kg Max Current of AC Bus Cable 40A Waterproof Grade Ip65 Cooling Mode Natural Convection - No Fan Other Features Communication Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Mechanical Data						
Dimensions (W x H x D)35.3cm x 28.3cm x 10.8cmWeight2.5kgMax Current of AC Bus Cable40AWaterproof GradeIp65Cooling ModeNatural Convection - No FanOther FeaturesCommunicationCommunicationWIFI With Cloud MonitoringTransformer DesignHigh Frequency Transformers, Galvanically IsolatedIntegrated GroundEquipment ground is provided by the PE in the AC cable. No additional ground is required.Protection FunctionsIsolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Operating Ambient Temperature Range		-40°C to +65°C				
Weight 2.5kg Max Current of AC Bus Cable 40A Waterproof Grade Ip65 Cooling Mode Natural Convection - No Fan Other Features Communication Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Storage Temperature Range		-40°C to +85°C				
Max Current of AC Bus Cable 40A Waterproof Grade Ip65 Cooling Mode Natural Convection - No Fan Other Features Communication Communication WIFI With Cloud Monitoring Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Dimensions (W x H x D)		35.3cm x 28.3cm x 10.8cm				
Waterproof Grade Ip65 Cooling Mode Natural Convection - No Fan Other Features Image: Communication Communication WIFI With Cloud Monitoring Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Weight		2.5kg				
Cooling Mode Natural Convection - No Fan Other Features Million Communication WIFI With Cloud Monitoring Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Max Current of AC Bus Cable		40A				
Other Features Other Features Communication WIFI With Cloud Monitoring Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Waterproof Grade		Ip65				
Communication WIFI With Cloud Monitoring Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, etc.	Cooling Mode		Natural Convection - No Fan				
Transformer Design High Frequency Transformers, Galvanically Isolated Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection, etc. Protection, etc.	Other Features						
Integrated Ground Equipment ground is provided by the PE in the AC cable. No additional ground is required. Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection, etc.	Communication		WIFI With Cloud Monitoring				
Protection Functions Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection, etc.	Transformer Design		High Frequency Transformers, Galvanically Isolated				
Protection, Current Protection, etc.	Integrated Ground		Equipment ground is provided by the PE in the AC cable. No additional ground is required.				
	Protection Functions		Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature				
			Protection, Current Protection, etc.				
Design Compliance CE etc.	Design Compliance	CE etc.					