



Solar Balance of System Components



Solar DC/AC Cable

Distribution Box



MC4 Connectors



GI Copper Strips & Wires Ferrule + Markers



Lightning Arrester



Earthing Electrode with Mineral



DC & AC Distribution Box



Fire Extinguisher
Fire Buckets



Source of Complete Solar BoS Components



Solar DCDB



Model	GD5xx	GD10xx
Capacity	1-5KWp	5 to 125KWp
Application	Domestic	Commercial / Industrial
System Type	Grid Tie	Grid Tie
System Voltage	500VDC	1000VDC
No. of MPPT	Upto 2	Upto 6
Compatible with	All Grid Tie Inverter	

Solar ACDB



Model	GA1Nxx	GA3Nxx
Capacity	1-5KWp	3 - 400 KWp
Application	Domestic	Industrial
Configuration	1 Phase	3 Phase
System Parameter	230 VAC, 50Hz	415 VAC, 50Hz
Earthing Standard	TT, TN	
Compatible with	All Grid Tie Inverter	

Solar String Combiner Box



Model	OD5xx	OD10xx / OD15xx
Capacity	1 - 100Kvp	25-2500KWp
Application	Domestic / Industrial	Utility
System Type	Off-Grid	Grid Tie
System Voltage	600 VDC	1000 /1500 VDC
No. of MPPT	Upto 2	Upto 8
Compatible with	All Offgrid Hybrid PCU	All Central Inverter

Solar String Combiner Box- SMU



Model	OD101-Mxx	OD102-Mxx
Capacity	1 - 100KWp	25-2500KWp
Application	Domestic / Industrial	Utility
System Type	Off-Grid	Grid Tie
System Voltage	600 VDC	1000 /1500 VDC
No. of MPPT	Upto 2	Upto 8
Compatible with	All Offgrid Hybrid PCU	All Central Inverter

Solar Zero Export Panel (RPR)



Application	LV	MV
Capacity	1 - 1000 KWP	113 - 1000 KWP
Configuration	1 ph, 3 ph	3 ph
Suitable Loads	Balanced	Un Balanced
Control	Automatic	Manual On
Notifying Devices	Indicators	Siran - Hooters

Solar HT Panel



Model	GA11xx	GA33xx
Capacity	112 - 2500KWp	
Application	Industrial	Utility
System Type	Grid Tie	
System Parameter	11000VAC, 50Hz	33000VAC, 50HZ
Earthing Standard	IT	
Compatible with	All Grid Tie	Central Inverter

Solar Main LT Panel



Model	GA4Nxx	GA8Nxx
Capacity	100-1600KWp	100- 2500KWp
Application	Industrial	Utility
System Type	Grid Tie	
System Parameter	415VAC, 50HZ	800 VAC, 50HZ
Earthing Standard	TT, TN	IT
Configuration	3-Ph, 3/4 wire	3-Ph, 3 Wire

Solar DG - Grid Synchronisation Panel



Model	GA3NXR
Capacity	15-500KWp
Control	Relay / PLC
Application	Domestic / Industrial
System Parameter	415VAC, 50Hz
Configuration	3-Ph, 3/4Wire
Earthing Standard	TT, TN
Compatible with	All Grid Tie Inverters

Bus Ducts



System Type	415V / 800VAC
Housing Type	Indoor / Outdoor
Capacity	1000 - 4000 A
Material	Alu / Cu
Usage	Between Inverter / LT Panel to Transformer
Application	Insustrial / Utility

Isolation Transformers



Model	GIT-CU-xx	GIT-AL-xx
Capacity	15-300KVA	
Material	Copper	Aluminium
Configuration	dyn11, 3-Ph	
Type	Natural Air Cooled	
Pry / Scy	Step Down / Step Up	
Application	Commercial / Industrial / Utility	
Compatible with	All Grid Tie Inverters	

Servo Stabilizer



Model	Servo Air Cooled	Servo Oil Cooled
Capacity	1 KVA - 500 KVA	1 KVA - 500 KVA
System	1 ph, 3 ph	1 ph, 3 ph
Input Voltage	295 - 465 / 340 - 480	240 - 480 / 340 - 500
Customisation	Yes	Yes

UPS



Model	Newgen
Capacity	1 KVA - 15 KVA
System Type	1 ph, 230V, 50Hz
Battery Voltage	48, 96, 120, 180 VDC
Application	Utility

Lightening Arrestors



Model	LACBxx	LACxx
Material	Copper Bonded	Copper
Diameter	□ 20mm □ 17.2mm	
Height	□ 1m □ 2m □ 3m	
Type	Single-Spike / Franklin / Multi-Spike	
GI Mast	□ 1m □ 2m	
Application	Residential / Commercial / Industrial	

Earthing Electorde / Pipe



IS-3043

Model	RCBxx	PGIxx
Material	Copper Bonded Rod	GI Pipe
Diameter	□ 17.2mm □ 25mm □ 32mm □ 42mm □ 50mm □ 80mm	
Length	□ 1m □ 2m □ 3m	
Coating	□ 120mic □ 150mic □ 250mic	
Fault Current	15kA	20kA
Application	Commercial / Industrial / Utility	

Earthing Minerals



Model	GEC	GEC+
Capacity	10kg, 15kg, 25kg	
Mixture	Carbon Bentomide	Graphite Based
Suitability of Soil	Dry & Moisture Soil	Wet, Sandy & Rocky
Purity	100%	
Resistance	<1 ohm	
Application	Residential / Utility / Industrial	

Earthing Strips (Copper & GI)



Model	ES-GI-xx	ES-CB-xx	ES-C-xx
Type	GI	Copper Bonded	Copper
Length	Upto 3.6m		
Width	□ 3mm □ 6mm □ 10mm		
Coating	Upto 150mic		
Material	Low Carbon Steel	Low Carbon Steel	Copper
Application	Industrial	Commercial	Utility

Interconnection Cables, Bus Bar



Model	EB-CB-xx	EB-C-xx
Type	Copper Bonded	Copper
Length	Upto 300 mm	
Width	□ 3mm 6mm □ 10mm	
Coating	Upto 150mic	
Material	Low Carbon Steel	Copper
Application	Commercial / Industrial / Utility	

Earth Pit Chambers



Material	FRP	MS
Shape	Square Round	Rectangular
Surface Finish	Polished	Powder Coated
Size	180 - 300 mm	
Opening for	Strips	Wire
Load Bearing Capacity	3 tonnes	5 tonnes

Earth Insulators & Cable Termination Kit



Model	EITxx	ETLxx
Type	'T'	'L'
Material	Epoxy / DMC	
Suitable for	All Kinds of Earth Strips	
Mounting	Wall / Floor	
Flame Retardent	Yes	
Application	Residential / Utility / Industrial	

Solar DC Cable, Flexible Copper



Type	Flexible, Multistrand
Size	2.5 to 6 Sq.mm
Material	Tinned Copper
Application	Outdoor, UV Resistant
Insulation	XLPO, Double Insulated
Core	<input type="checkbox"/> 1C <input type="checkbox"/> 2C

Flexible Copper Cables



Type	Flexible, Multistrand
Size	0.5 to 70 Sq.mm
Material	Annealed Copper
Application	Domestic / Industrial
Insulation	<input type="checkbox"/> PVC <input type="checkbox"/> FR <input type="checkbox"/> FRLS
Core	<input type="checkbox"/> 1C <input type="checkbox"/> 2C <input type="checkbox"/> 3C <input type="checkbox"/> 4C <input type="checkbox"/> 5C

Copper / Aluminium Armoured Cables



Type	Armoured, Multistrand	
Size	6 to 400 Sq.mm	
Material	Annealed Copper	Aluminium
Core	<input type="checkbox"/> 3C <input type="checkbox"/> 3.5C <input type="checkbox"/> 4C	
Insulation	<input type="checkbox"/> PVC <input type="checkbox"/> XLPE <input type="checkbox"/> XLPO	
Application	Commercial / Industrial / Utility	

Weather Monitoring Systems



Modem	Wi-fi	GPRS	LAN
Solar Radiation Sensor	Si Photodiode, Accuracy $\pm 5\%$, Range 0-1800 W/m ²		
Temp Sensor	0-100° C, Accuracy $\pm 0.5^\circ$ C, UV		
Wind Speed Sensor	3 Cups, Range 0-250Kmph		
Application Software	<input type="checkbox"/> SCADA	<input type="checkbox"/> Web Monitoring	
Communicates with	Inverter, SCB, Meters, Transformers, Weather Stations		

Solar Module Mounting Structure



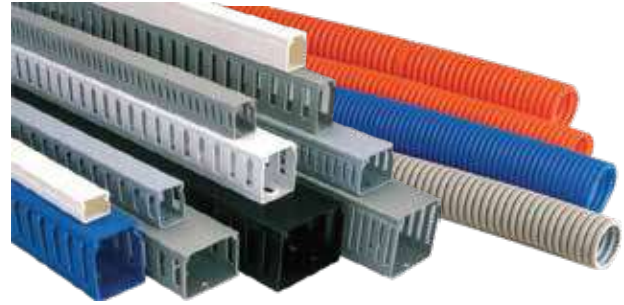
Mounting Type	Ground	Sheet Roof
Material	GI	GI ALU
Wind Speed	160 Kms / hour	
Module Fixing	SS Bolts / Nuts	ALU Clamps
Application	Industrial / Utility / Domestic	
Available	In Hot-Dipped, Powder Coated	
Suitable	For all Kinds of Solar Modules	

Cable Trays & Fasteners



Type	Perforated	Ladder
Material	GI / Hot-Dip Galvanised	Hot-Dip Galvanised
Width	Upto 400mm	Upto 600mm
Height	Upto 75mm	Upto 100mm
Application	Industrial / Utility / Domestic	

Cable Ducts & Hose



Type	U Lock	V Lock
Material	PLC	FRLS
Width	Upto 150mm	
Length	□ 1m □ 2m	
Application	Domestic	Industrial
Slotted	Thin / Normal	Thin / Normal
Hose Dia	12-50mm	

Cable Ties | Tag | Ferrules | Sleeves



Type	Standard	UV Stabilized
Material	Nylon, PVC, Metal	
Length	Upto 350mm & 2" & 3"	
Width	Upto 4.8mm & 10mm	
Application	Indoor	Outdoor
Strength	High Tensile Strength	
Marker Tin	2.5 to 16 Sq.mm	
Letters	Alpha / Numeric	

Solar Connectors



Type	Field / Panel	Branch Connector
Material	Polyamide	
Terminals	Tinned Copper	
Application	PV, Outdoor	
Protection	IP68	IP65
Size	4-6Sq.mm	
Compatible with	MC3, MC3, Sunclix, Amphenol	

Cable Glands | Terminal Lugs



Material	Copper	Aluminium
Type	Pin / Ring	Ring
Size	0.5 to 150Sq.mm	6-400Sq.mm
Ring Dia	6-16mm	
Grade	ETP	
Coating	Tinned	EC
Application	Domestic / Industrial / Utility	
Purity	99.9%	

Cable Route Marker | Trench Marking Tape



Type	Tag	Route Markers
Material	□ Polyamide	□ Metal
Capacity	25- 400 Sq.mm	□ LT □ HT
Protection	UV Stabilized	Anti - Corrosive
Usage	□ Indoor	□ Outdoor
Application	Industrial	Commercial

Mesh Guards



Material	MS	SS		
Type	Welded	Wired		
Thickness	2.0	2.50	3.0	4.0
Housing	Indoor, Wall Mounting			
Protection for	Inverters & DBs			
Surface Finish	Powder Coated			

Video Surveillance Systems



Camera	Analog	Network	Special	
Storage Device	DVR		NVR	
Display Device	LED		LCD	
Housing	Indoor		Outdoor	
Mobile App	Available			
Camera Type	Dome	Bullet	PTZ	Professional

Fire Alarm Systems



Panel Type	Conventional	Addressable
Protection Type	2/4/6/8/16	Single / Multiloop
Manual Activation Devices	Call Point	Pull Station
Notification Devices	Sounder	Response Indicator
Networking Devices	TCP / IP	Modbus
Application	Industrial	Utility
System Type	Indoor	Indoor

Fire Extinguisher / Fire Buckets

IS Code: 15683



Type	ABC Dry / Water CO ₂ / CO ₂ Dry Chemical
Capacity	1 / 2 / 3 / 4 / 4.5 / 6 / 9 Kgs
Effective Discharge	95%
Operating Position	Up right
Fire Class	A / B / C
Application	Commercial / Industrial / Utility

Walkway



Material	GI	FRP	GRP
Fixing	<input type="checkbox"/> Penetrative	<input type="checkbox"/> Non-Penetrative	
Frame Material	<input type="checkbox"/> GI	<input type="checkbox"/> ALU	
Surface Finish	<input type="checkbox"/> Hot-dipped	<input type="checkbox"/> Polished	<input type="checkbox"/> Powder Coated
Handrails	<input type="checkbox"/> Square	<input type="checkbox"/> Round	
Construction	<input type="checkbox"/> Checkered Plate	<input type="checkbox"/> Moulded	<input type="checkbox"/> Protruded

Module Cleaning Systems



Pump	Monoblock	Jet	Sub-mersible
Booster Pump	Pressure Booster		
Controlled by	Booster	Pump	Controler
Valves	Automatic		Manual
Brushes	27 cm		40 cm
Length	6 m	9 m	10 m

PAN INDIA delivery within 3 to 4 working days



*Tailor Made Products are available
Due to constant product modifications, GEESYS Technologies has the right to amend the above information / Specification without prior notice.

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