

Technical Specifications

1. Hybrid Solar Panel (with installation)

8–10 kW Hybrid Solar Power Solution for One One-Stop Shop (OSS)/ Registration center

Component	Specification	Qty
Solar Panels	550–600W Mono N-Type Half Cell	18–20
Hybrid Inverter	8–10 kW, 3-Phase, MPPT, Generator Ready	1
Battery	48V LiFePO ₄ , 10–15 kWh	1
Protection	AC/DC SPD, Isolators, MCCB/RCCB	1 Lot
Earthing	Grounding <5 Ohms: Copper earth system	1 Lot
Lightning	Complete LPS: IEC compliant	1 Set
Installation	Testing & Commissioning: Qualified contractor	1 Lot

2. Rechargeable Megaphones

Specifications for Mega Phone with battery charger

Compatible devices	Mobile Phone, Tablet, Laptop, Desktop Computer, MP3 Player
Surround-sound channel configuration	1.0
Colour	Blue/light blue with Gray
Included components	product, manual
Maximum range	365 Metres
Control method	Touch
Speaker size	9 Inches
Power source	Rechargeable battery
Color	Blue
Size	14.00 x 10.00 x 10.00"(355.6x254x254mm)
Style	50Watt
Weight	1.98 Kilograms
Shape	cone
Material type	100% Cotton Jersey
Features	Lightweight
Wattage	30 watts
Batteries included?	Yes
Speaker maximum output power	65 Watts
Connectivity technology	USB
Audio output mode	Mono
Input voltage	12 Volts (DC)
Speaker type	Outdoor
Special feature	Portable, Volume Control

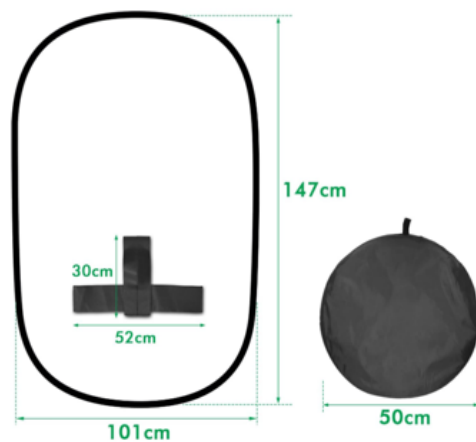


3. Photo Backdrop

Specifications for Photo backdrop

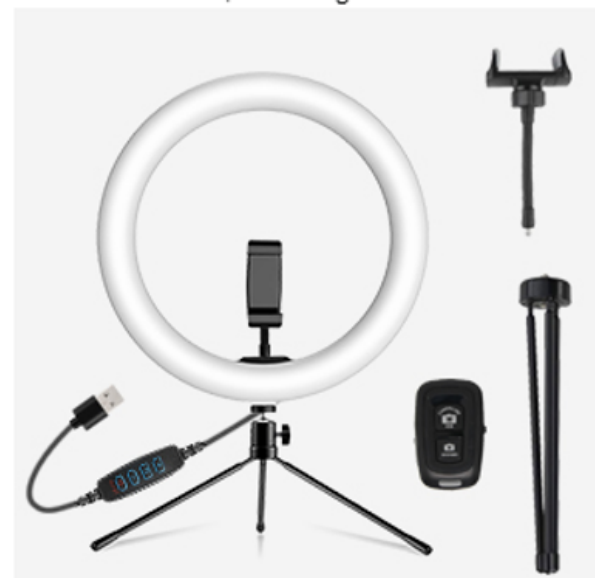
Color	Neutral Colors: Recommended colors are white, light gray, or light blue. These colors provide good contrast for all skin tones and comply with biometric photo standards.
Size	L (Standard dimensions for registration backdrops are around 101cm (width) x 147cm (height), allowing flexibility for different camera setups)
Item Weight	850 Grams or less
Material	Non-Reflective Surface: Use a matte finish (e.g., vinyl or fabric) to prevent glare from lighting. Durable and Lightweight: Material like polyester fabric or PVC is preferred for portability and longevity Easy to Clean: Opt for materials that can be wiped down to maintain hygiene standards.
Portability	Ensure it can be folded or rolled for transport between registration sites
Uniformity	Ensure the color is consistent across the surface, with no patterns or textures.
Frame or Stand	Include a sturdy, adjustable frame for quick setup. A collapsible frame is ideal for portability
Mounting	Simply hang on chair for quick use
Compliance with Biometric Standards	The backdrop should allow for clear visibility of facial features No shadows or uneven lighting should appear on the backdrop or the subject

Product Dimensions



4. LED Ring light lamp with table Tripod stand

Descriptions	
LED Ring Light Lamp With Table Tripod Stand & Phone Holder	
Lighting Type	Ring Light with Phone Holder
Light Color	White: Clear, White
Color Temperature Version	White Light Version
Operating Voltage	110 - 220V
Brightness Adjustment Range	0 - 100%
Connectivity Technology	USB Plug
Color Temperature	3300-5600 K
Dimming range	1%-100%
Device Compatibility	with a phone clip and tripod
Dimensions (Overall)	30cm(H), 5cm (W)X21cm(D)
Height	Adjustable
Stand Type	Table Stand



Procurement Description

Professional 18-inch LED Ring Light Kit with adjustable brightness and color temperature (3200K-5600K), CRI ≥95, suitable for capturing high-quality portrait photographs outside a studio environment. The kit shall include an adjustable stand, smartphone/camera mount, rechargeable battery option for outdoor operation, carrying case, and minimum one-year warranty.

Recommended Features for Registration/Documentation Photography

- Natural daylight color mode (5000K-5600K)
- High CRI (95+) for accurate skin-tone reproduction
- Battery operation for field locations without reliable power
- Stable tripod stand for outdoor use
- Phone and camera compatibility
- Portable carrying bag for transport between registration sites

This specification is suitable for **UNHCR/RRS registration, documentation, ID issuance, and biometric enrollment activities conducted outside a studio setting.**

5. Power divider

Power divider Specification	
Name	Power Extension/Divider
Plug Types	Mixed outlets of F and G Plug Types
Total power outlets	5
Voltage	220 - 230 Volts
Length	5M to 7M

6. Power extension Reel 50mtrs

Descriptions
Power ext Reel 50mtrs Roll With handle
Number of sockets: 4 pcs.
Cable length: 50m.
Max total load power: 2500W (1000W rewound).
Max current: 16A.
Working voltage: 220V (50Hz).
Wire type: 3 x 2.5 mm ² PVC.
Body material: thermal-resistant plastic.
Conductor material: copper.
Protection class: IP20.
Input sockets: European standard.
Power cable: EU plug.
Operating temperature: > 45°C.
Operating humidity: < 65%.
Dimensions: 250x350x230mm.

