Technical Specifications

Item	LMP-10-54	LMP-20-144	LMP-20-144H
Overall			
Type of Container	10GP	20HQ	20HQ
Solar Capacity (Pmax / kWp)	54kWp	144kWp	144kWp
Max.Power of Solar Module (Pmax/Wp)	540W	720W	720W
Quantity of Solar Module	100pcs	200pcs	200pcs
System Voltage	DC 1000V	DC 1000V	DC 1500V
Quantity of Strings	5	10	7
String Connection	20pcs/String	20pcs/String	4x29pcs+3x28pcs
PV Array Area (L*W)	108*2.9m	132.7*6m	132.7*6m
Total Area	313.2m²	796.2m²	796.2m²
Total Weight	9t	16t	16t
Deployment Time	120mins	360-480mins	360-480mins
*RC Inverter	50kW	110/125kW	2 units in parallel, sharing 1×250kW
**Generating Capacity (1460hrs e.g. kWh/a)	78840	210240	42480
Container			
Type	10GP	20HQ	20HQ
External Dimensions (L*W*H)	2991*2438*2591mm	6058*2438*2896mm	6058*2438*2896mm
Container Weight	1.5t	3t	3t
Corrosion Protection Level	C5	C5	C5
Inverter Installation Position	Reserved	Reserved	Reserved
Solar Module			
Type	N-Type Bifacial	N-Type Bifacial	N-Type Bifacial
Max.Power	540Wp	720Wp	720Wp
Max. Power Voltage	34.79V	41.03V	41.03V
Max. Power Current	15.52A	15.77A	15.77A
Open Circuit Voltage	40.43V	49.28V	49.28V
Short Circuit Current	16.32A	18.55A	18.55A
Dimensions	1978*1134*30mm	2384*1303*33mm	2384*1303*33mm
Frame			
Material	ZAM Steel	ZAM Steel	ZAM Steel
Tilt Angle (°)	10°	10°	10°
Quantity of Frame (Fold)	50	50	50
Min. Ground Height	30cm	30cm	30cm
Max. Wind Resistance Rating	55m/s	55m/s	55m/s
Number of Counterweight Block***	102	102	102
Folding/Unfolding Mechanism	Manual / Semi-auto / Fully-auto	Manual / Semi-auto / Fully-auto	Manual / Semi-auto / Fully-auto

*Inverter/Combiner Box Optional

**Reference merely

***Longmax provide drawing only

Web: raystechsolutions.com.au
Email: enquiries@raystechsolutions.com.au
Head office: Unit 1/22 Ashover Rd, Rocklea QLD 4106